

CLIMATOLOGICAL DATA FOR FEBRUARY, 1913.

DISTRICT NO. 6, MISSOURI VALLEY.

MONTROSE W. HAYES, District Editor.

GENERAL SUMMARY.

The weather conditions during the greater part of the month were dominated by areas of high atmospheric pressure, and as a result there were more bright days than usually occur in February. The temperature was wintry in most of the territory to the west and south of the Missouri River; however, none of the pressure waves was especially high, and there were no temperatures that were very low for the season, but periods of uniformly cold weather prevailed from the 1st to the 13th and from the 19th to the end of the month. In the interval between these periods two cyclonic areas crossed the district, the first one on the 14th-15th and the second on the 17th-19th; they lacked most of the disagreeable features that usually attend winter storms; the precipitation accompanying them was light and they were productive of only a moderate amount of wind. In that part of the drainage area lying to the north and east of the Missouri River there was less cold weather than elsewhere, and the river seems to have been a dividing line between the areas of temperature excess and temperature deficiency. The precipitation was practically all in the form of snow, except in the southern part, and in most of the district it was deficient. Building operations were retarded by cold weather, but most other outdoor occupations progressed favorably throughout the month. There was almost an entire absence of interruption on transportation lines, as there were no heavy windstorms to drift the snow. In the grazing regions stock fed on the range, but at the end of the month pasture was beginning to show the need of a greater amount of moisture.

TEMPERATURE.

The temperature was below the normal, except in northeastern Montana, North Dakota, that portion of South Dakota lying east of the Missouri River, and in Iowa. The line separating the two areas was well defined. The greatest accumulated excess, for the entire month, was over North Dakota and northeastern Montana, and the greatest accumulated deficiency was over western Nebraska, Colorado, Wyoming, and southwestern Montana. The extreme range of temperature for the district was 122°, the highest reading being 78° at Pleasanton, Kans., and the lowest 44° below zero at Fairview Dome, Wyo., Bowen, Mont., and Marstonmoor, N. Dak. As a rule the lowest temperatures occurred on the 1st in Iowa, Missouri, and the Dakotas; on the 8th in Montana and Wyoming; on the 28th in Colorado and Nebraska, and on the 24th in Kansas. The highest occurred uniformly over the drainage area in the period extending from the 15th to the 18th, when a general mild period, which was the only one of the month, prevailed. Zero temperatures were experienced over the entire district, except in that portion of Missouri south of the Missouri River and in a very limited area of Kansas.

PRECIPITATION.

The precipitation was generally above the normal over that portion of the drainage area south of the northern boundary of Nebraska, and below the normal over the remainder of the district, except at a few isolated stations

in western Montana. There were three wet periods, the first extending from the 1st to the 5th, the second from the 18th to the 23d, and the last from the 25th to the end of the month. The periods were not sharply marked over the mountain sections, and in Missouri the last two practically merged. In Iowa, Nebraska, and Kansas all the periods were well defined. In the district as a whole the precipitation average was nearly normal, but in most of the territory the month was dry; this was especially true in North Dakota where, for the entire month, the greatest amount at any one station was 0.46 inch, and the average for the State was 0.08 inch. In localities in the Dakotas, Montana, Wyoming, and Colorado no measurable amount occurred. The region of the greatest excess of precipitation embraced northeastern Kansas and the Osage River watershed in Missouri. In the lower portion of the drainage area the snowfall was the heaviest of the winter, and at the end of the month the ground was covered to a moderate depth in most of Nebraska, Kansas, Iowa, and northern Missouri; the amounts were well distributed in Kansas and Nebraska, but in Iowa and Missouri they were not uniform.

The following are special remarks, made by the section directors, on snowfall in the Black Hills and in that portion of the Rocky Mountains drained by the Missouri River:

South Dakota.—In the Black Hills district the snowfall was unusually light for February; it ranged from 4 to 11 inches. At the end of the month the amount on the ground ranged from 7 to 34 inches, the average being about 19 inches. Reports indicate that the snow in the timber and gulches is fairly well packed.

Montana.—The snowfall was deficient in nearly all of the principal mountain ranges, and a period of pronounced chinook conditions from the 14th to the 17th materially reduced the depth even at high elevations. Nearly all reports indicate a decrease in depth as compared with that at the close of January. There has, however, been no material decrease in the amount of water stored in the higher mountains, as the thawing weather caused only a settling and solidifying of the snow. About the normal water supply is indicated, except in some of the tributaries of the Jefferson and Yellowstone Rivers, where present conditions indicate a deficiency. Prospects are more than usually favorable in the Clarks Fork Basin.

Wyoming.—The snowfall was unevenly distributed; the greatest amount occurred over the watershed of the North Platte River, where it was much needed; a normal run-off is now indicated for this watershed. Conditions have improved also in the Powder and Tongue drainage basins. Very little snow fell over the watersheds of the Big-horn and Yellowstone Rivers, but a large amount fell in the mountains drained by the Yellowstone in January.

Colorado.—The number of storms during February was close to the normal, and there were material additions to the snow covering; the run-off, however, is not likely to be as great as might be inferred from the depths, which to a large extent are made up of comparatively recent and unpacked snows; the earlier falls are hard packed, but the cold weather has delayed settling of the later ones. On the South Platte watershed the February snowfall was somewhat above the normal; on the North Platte watershed it was just about normal.

RIVERS.

The streams in the hill and mountain country carried somewhat more than the usual winter amount of water. The small streams in the plains country were frozen. The channel of the Missouri River was open most of the month as far north as Pierre, S. Dak., a very unusual condition. There was considerable floating ice in the larger streams, and there were some gorges of short duration, but no damage was done.

TABLE 1.—Climatological data for February, 1913. District No. 6, Missouri Valley.

TABLE 1.—Climatological data for February, 1913. District No. 6—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, year	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Sky.	Prevailing wind direction.	Observers.						
				Mean.			Departure from the normal.			Lowest.			Greatest daily range.			Total.								
				Highest.	Date.	Lowest.	Date.	Lowest.	Date.	Greatest.	Daily range.	Total.	Greatest.	In 24 hours.	Total snowfall unmetted.	Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.					
Montana—Continued.																								
Busteed.	Sweet Grass.	5	18.8	—	5.0	58	16	—	17	5	42	0.22	—	0.09	4.0	3	11	8	9	w.	T. H. Busteed.			
Canyon Ferry.	Lewis and Clark.	3,644	14	18.4	—	5.0	50	16	—	22	8	32	0.25	—	0.21	4.0	4	15	5	8	nw.	W. L. Kirk.		
Cascade.	Cascade.	3,361	8	20.0	—	58	16	—	22	4 ^t	48	0.57	—	0.25	7.4	10	10	7	7	s.w.	Dr. E. E. James.			
Chessman Reservoir.	Lewis and Clark.	5,275	4	11.8	—	48	16	—	27	7	48	1.44	—	0.31	21.9	12	19	2	7	s.w.	C. D. Schmidt.			
Chester.	Hill.	3,140	9	11.0	—	2.4	50	15	—	31	4	47	0.06	—	0.14	0.6	1	22	5	1	sw.	E. D. Keith.		
Chinook.	Blaine.	2,502	14	15.4	+ 0.6	53	16	—	21	3 ^t	46	0.01	—	0.32	0.01	0.1	1	7	13	8	w.	T. O'Hanlon Co.		
Clearkreek.	do.	7	13.4 ^t	—	50 ^t	16	—	26	3	40	0.10	—	0.10	1.0	1.0	5	10	13 ^t	1 ^t	w.	Cortez Sedgewick.			
Clydepark.	Park.	1	16.2	—	55	16	—	23	7	45	0.25	—	0.10	1.0	1.0	5	10	9	9	nw.	Frank Taylor.			
Conrad.	Teton.	2	22.4	—	58	13	—	8	22	58	0.13	—	0.08	1.3	2	12	12	4	4	nw.	Robert J. Kelly.			
Copper.	Meagher.	8	—	—	—	—	—	—	—	—	—	—	—	—	2.0	3	9	4	4	w.	Orville Harris.			
Crow Agency.	Rosebud.	3,041	30	18.0	—	2.8	59	16	—	19	8	39	0.44	—	0.17	0.15	2.2	6	18	8	2	s.	Harry Throssell.	
Culbertson.	Valley.	1,927	10	14.9	+ 5.9	55	17	—	20	3	38	0.10	—	0.30	0.10	1.0	1	3 ^t	17 ^t	7 ^t	nw.	G. H. Coulter.		
Cut Bank.	Teton.	3,700	14	14.4	—	4.8	52 ^t	15	—	25	4 ^t	52 ^t	0.10	—	0.57	3.0	1	22 ^t	1 ^t	0 ^t	w.	Chas. N. Thomas.		
Denton.	Fergus.	3,500	4	17.9	—	52	16	—	20	4 ^t	37	0.30	—	0.16	5.9	4	10	4	14	nw.	P. J. Griesenauer.			
Dillon.	Beaverhead.	5,147	15	21.3	—	4.4	44	16	—	20	8	40	0.80	+ 0.11	0.35	7.0	8	16	7	5	sw.	Prof. J. E. Monroe.		
Dry Wolf Camp.	Cascade.	6,000	4	—	—	—	—	—	—	—	—	—	—	—	0.25	10.5	8	13	7	8	nw.	Mrs. Harriet R. Eveleth.		
Dunkirk.	Teton.	3,293	1	—	—	—	—	—	—	—	—	—	—	—	0.10	1.6	3	22	1	1	n.	B. C. Frotsman.		
Ekalaka.	Custer.	12	14.1	—	4.0	52	17	—	22	5	35	0.02	—	0.47	0.02	0.2	1	16	2	10	w.	William Freese.		
Fallon.	do.	2,208	8	17.4	—	58	16	—	12	5	36	T.	—	T.	0	18	7	3	w.	Mrs. A. C. Gifford.				
Findon.	Meagher.	6,000	1	15.4	—	45	16	—	17	4	37	0.28	—	0.08	5.9	8	11	7	10	w.	Lewis Cameron.			
Flathead Creek.	Gallatin.	6,000	2	16.0	—	61	10	—	16	4	56	0.23	—	0.15	3.9	4	7 ^t	6 ^t	14 ^t	nw.	Alta Williams.			
Forsyth.	Rosebud.	2,514	6	18.1	—	59	16	—	22	5	50	0.17	—	0.11	0.9	3	10	10	10	w.	H. Mackenzie.			
Fort Benton.	Chouteau.	2,630	33	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	Jere Sullivan.			
Fort Shaw.	Cascade.	3,500	24	19.6	—	2.6	55	16	—	24	4	47	0.09	—	0.39	0.05	1.5	3	14	2	12	ne.	U. S. Reclamation Service.	
Foster.	Yellowstone.	3	16.9	—	—	61	16	—	24	5	54	0.14	—	0.06	0.9	4	13	7	8	w.	E. K. Bowman.			
Garnett.	Fergus.	5,500	4	11.0	—	43	15	—	32	4	35	1.68	—	21.0	11	9	10	9	9	nw.	Thos. E. Scally.			
Glasgow.	Valley.	2,092	16	14.0	+ 4.8	52	17	—	23	3	38	0.05	—	0.43	0.05	0.5	1	14	7	7	w.	W. M. Leonard.		
Glendive.	Dawson.	2,069	22	16.6	+ 3.3	60	16	—	15	10	39	T.	—	T.	0	8	12	8	8	s.	E. C. Leonard.			
Goldbutte.	Hill.	—	14.4	—	—	47	15 ^t	—	19	4	35	0.31	—	0.20	4.0	3	11	9	8	n.	Joseph Berthelote.			
Graham.	Custer.	7	13.8	—	—	56	16	—	24	4	42	0.23	—	0.11	4.5	4	14	8	6	sw.	J. S. Rue.			
Great Falls.	Cascade.	3,350	21	20.0	—	4.6	56	16	—	16	4	36	0.25	—	0.30	0.07	2.5	9	9	22	sw.	Robert Deardorff.		
Harlowton.	Meagher.	4,165	5	17.8	—	54	15 ^t	—	17	4 ^t	42	0.36	—	0.15	3.6	4	8 ^t	3 ^t	16 ^t	w.	Joseph Muir.			
Havre.	Hill.	2,505	33	13.7	—	1.3	48	15	—	19	3	43	0.06	—	0.41	0.04	0.6	2	4	11	13	sw.	U. S. Weather Bureau.	
Helena.	Lewis and Clark.	4,110	33	16.8	—	5.4	52	15	—	15	8	41	0.41	—	0.33	0.19	6.7	8	3	12	nw.	Do.		
Highwood.	Chouteau.	6	—	—	—	—	—	—	—	—	—	—	—	—	1.00	—	—	21.4	9	9	2	17	sw.	W. S. McCord.
Huntley.	Yellowstone.	3,014	7	18.4	—	61	16	—	19	5	37	0.08	—	0.05	2.0	2	13	13	2	w.	U. S. Reclamation Service.			
Jordan.	Dawson.	7	14.4	—	—	54	16 ^t	—	22	4	49	0.22	—	0.22	3.0	1	14 ^t	0 ^t	4 ^t	w.	W. C. Henderson.			
Knobles Ranch.	Hill.	—	—	—	—	—	—	—	—	—	—	—	—	—	0.19	13.0	10	15	6	7	n.	F. H. Knobles.		
Lewistown.	Fergus.	4,010	15	12.0	—	9.6	48	16	—	26	4	52	0.31	—	0.54	0.14	13.3	5	10	9	9	nw.	W. W. Watson.	
Lonetree.	Chouteau.	3,280	7	17.4	—	58	15 ^t	—	18	5	45	0.29	—	0.12	3.0	3	14	11	1	13	w.	E. Wilson.		
Lothair.	Hill.	—	10.6	—	—	49	15	—	31	4 ^t	47	T.	—	T.	0	14	10 ^t	1 ^t	1 ^t	w.	J. F. Fait.			
Lytle.	Chouteau.	1	15.2	—	—	50	16	—	24	4	38	0.15	—	0.07	1.7	4	20	8	0	sw.	U. S. Reclamation Service.			
Malta.	Valley.	2,240	6	13.6	—	52	15	—	27	4	41	0.04	—	0.04	1.0	1	12	13	3	w.	J. S. Collier.			
Medicine Lake.	do.	2	11.6	—	—	51	16 ^t	—	24	3	44	T.	—	T.	0	19	4	5	w.	W. C. Greening.				
Melstone.	Musselshell.	2,903	1	—	—	—	—	—	—	—	—	—	—	—	0.03	0.3	1	10	18	0	nw.	Leon B. Clark.		
Mildred.	Custer.	4	—	—	—	—	—	—	—	—	—	—	—	—	0.31	2.3	5	7	4	w.	U. S. Weather Bureau.			
Miles City.	do.	2,371	21	18.2	+ 1.4	58	17	—	15	5	39	0.25	—	0.31	0.12	4.8	7	12	6	6	s.	Madison River Power Co.		
Norris.	Madison.	4,845	8	18.8	—	50	16	—	15	8	34	0.45	—	0.05	1.2	5	6	14	8	w.	Robert Olsen.			
Olsen Creek.	Jefferson.	6,345	4	—	—	17.4	—	—	—	—	—	—	—	—	0.09	8.0	4	11	4	11	sw.	G. W. White.		
Pinegrove.	Musselshell.	—	1	17.4	—	48	16 ^t	—	18	4	32	0.80	—	0.30	8.0	4	11	13	4	nw.	Mrs. T. Keirmeyer.			
Pipestone Pass.	Jefferson.	7,000	4	—	—	—	—	—	—	—	—	—	—	—	0.58	21.0	7	11	9	8	w.	C. C. Conser.		
Plevna.	Custer.	2,757	1	15.0	—	55	16 ^t	—	16	4 ^t	40	0.07	—	0.03	1.3	5	16	4	8	w.	H. M. Cosier.			
Poplar.	Valley.	2,020	27	15.4	+ 5.9	53	16 ^t	—	21	3	42	T.	—	T.	0	18	6	4	4	w.	I. A. Draper.			
Red Lodge.	Carbon.	5,548	13	12.2	—	8.1	49	15 ^t	—	17	4	47	0.42	—	0.52	0.16	14.5	8	9	7	12	se.	F. B. Elmer.	
Renova.	Jefferson.	4,333	14	17.8	—	6.9	57	16	—	28	8	44	0.06	—	0.30	0.04	0.7	2	13	6	9	ne.	H. Scherfenberg.	
Ryegate.	Musselshell.	3,640	3	19.2	—	62	16	—	23	8	55	0.05	—	0.05	2.0	1	9	4	15	w.	U. S. Reclamation Service.			
Savage.	Dawson.	2,050	6	16.4	—	59	17	—	22	3	39	0.10	—	0.10	1.0	1	15	10	3	w.	Olaf C. Fjeld.			
Shelby.	Teton.	3,276	1	17.8	—	58	16	—	21	5	49	0.05	—	0.05	0.5	1	13	6	9	sw.	Fred W. Arndt.			
Sidney.	Dawson.	—	17.0	—	—	51	16 ^t	—	20	3	43	T.	—	T.	0	10	5	13	w.	Mrs. H. L. Miller.				
Springbrook.	do.	—	13.9	—	—	57	17	—	30</															

TABLE 1.—Climatological data for February, 1913. District No. 6—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Prevailing wind direction.	Observers.			
				Mean.	Departure from the normal.	Highest. Date.	Lowest. Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmeasured.	Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.				
North Dakota—Contd.																				
McHenry (near).	Eddy.	1,509	3	14.6	57 ^b	17	-16 ^b	4 ^b	41 ^b	0.05	.....	0.02	1.8	4	11	7	10	w.	
Marmarth (near).	Bowman.	4	4	4.0	35	16	-44	1	53	0.01	.....	0.01	0.1	1	13	5	nw.		
Marstonmoor.	Stutsman.	4	19	15	23	15	27 ^a	1	40 ^a	0.23	-0.26	0.23	2.0	1	15	3	10	w.		
Medora.	Billings.	2,225	19	8.2	+ 1.0	36 ^a	18	-27 ^a	1	40 ^a	0.35	.....	0.35	T.	0	.....	.....	nw.
Melville.	Foster.	1,590	6	15.0	60	15	-19	17	39	0.16	.....	0.05	2.5	5	11	9	8	nw.	
Mott.	Hettinger.	6	19	8.4	+ 1.6	53	17	-29	17	40	0.07	-0.38	0.07	1.0	1	10	8	10	nw.	
Napoleon.	Logan.	1,955	21	19	15.2	+ 2.9	17	-19	3	41	0.15	-0.54	0.15	1.5	1	14	5	9	nw.	
New England.	Hettinger.	2,400	8	12.0	36	17	-28	1	46	0.13	.....	0.08	1.2	0	7	16	5	nw.	
New Rockford.	Eddy.	1,531	2	7.6	48	16	-24	3	34	0.13	.....	0.05	1.0	2	12	10	6	nw.	
New Salem.	Morton.	2,163	8	12.0	64	17	-23	26	42	0.10	.....	0.05	0.5	1	11	3	14	nw.	
Orange.	Adams.	4	14.4	.....	.....	.....	.....	.....	.....	0.05	.....	0.05	0.5	1	17	11	0	w.
Ranger.	Billings.	1,857	16	6.1	-0.7	32	13 ^b	-28	3	30	0.47	.....	0.47	T.	0	.....	.....	H. S. Wood.
Steele.	Kidder.	1,857	1	11.6 ^a	46 ^a	17	-26 ^a	3	33 ^b	0.10	.....	0.40	.....	0	0	0	0	nw.
Turtle Lake.	McLean.	1,731	10.4	+ 0.7	50 ^b	17	-21 ^b	1 ^b	37 ^b	0.14	-0.33	0.08	1.0	4	4	9	15	E. G. Ranum.		
Washburn.	Williams.	1,875	34	12.6	+ 4.7	53	17	-21	3	35	0.14	0.08	1.0	4	4	9	15	W. R. Peterson.	
South Dakota.																				
Aberdeen.	Brown.	1,300	23	13.8	+ 2.7	67 ^a	17	-21	1	54 ^a	0.47	-0.44	0.30	4.7	4	12	8	8	n.	
Academy.	Charles Mix.	14	18.6	-0.4	70	17	-16	1	43	0.43	-0.06	0.30	4.3	3	17	6	5	nw.		
Alexandria.	Hanson.	1,352	25	17.8	+ 2.1	70	17	-20	1	46	0.40	-0.22	0.40	3.0	1	20	6	2	nw.	
Armour.	Douglas.	1,521	18	14.6	-3.6	69	17	-21	1	57	0.55	-0.16	0.40	5.5	3	20	5	3	nw.	
Bellefourche.	Butte.	3,000	5	21.5	63	17	-12	15	51	0.16	0.08	4.5	3	10	11	7	nw.	
Blunt.	Hughes.	1,821	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	U. S. Reclamation Service.
Britton.	Marshall.	1,354	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	James A. Howard.
Brookings.	Brookings.	1,636	24	14.0	+ 0.2	55	17	-22	1	45	0.09	-0.42	0.05	0.9	3	22	0	6	nw.	
Bryant.	Hamlin.	1,846	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Experiment Station.
Camp Crook.	Harding.	3,000	20	13.8	-5.4	55	17	-16	4	40	0.08	-0.34	0.05	0.8	3	19	7	2	nw.	
Canton.	Lincoln.	1,248	18	14.3	-5.6	64	17	-23	24	53	0.31	-0.19	0.31	6.0	1	24	1	3	nw.	
Cascade Springs.	Fall River.	3,422	5	17.0	62	17	-18	28	44	0.76	.....	0.33	7.2	6	17	6	5	nw.	
Castlewood.	Hamlin.	1,685	3	13.2	63	17	-22	1	46	0.06	0.02	0.6	3	12	5	11	nw.	
Centerville.	Turner.	1,229	16	16.6	69	17	-18	1 ^b	51	0.82	-0.19	0.25	6.2	5	13	7	8	nw.		
Chamberlain.	Brule.	1,363	14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	W. B. Van Horn.
Clark.	Clark.	1,779	21	11.6	-0.8	63	17	-23	1	42	0.50	-0.02	0.30	5.0	2	14	12	2	nw.	
Cottonwood.	Stanley.	2,414	5	15.5	68	17	-20	28	48	0.10	.....	0.07	2.3	3	9	9	10	nw.	
Custer.	Custer.	5,316	1	16.0	63	17	-14	26	43	0.07	.....	0.20	6.0	4	21	3	4	w.	
Daviston.	Perkins.	3	16.0	63	17	-14	26	43	0.07	.....	0.05	0.7	2	20	12	6	nw.		
Deadwood.	Lawrence.	4,535	4	16.8	62	17	-17	4	45	0.65	.....	0.55	6.0	2	15	10	3	nw.	
Deerfield.	Pennington.	6,000	4	15.0	60	17	-20	21 ^a	24 ^a	48 ^a	0.16	0.08	3.4	2	20	3	2	nw.		
De Smet.	Kingsbury.	1,726	20	15.24	+ 1.7	65 ^a	17	-21 ^a	24	48 ^a	0.18	-0.40	0.13	1.8	2	18	1	1	nw.	
Dowling.	Stanley.	2,250	4	18.4	65	17	-11	4	42	0.43	.....	0.15	4.6	5	16	4	8	nw.	
Dumont.	Lawrence.	6,195	4	17.6	63	17	-16	1	37	0.19	.....	0.33	5.3	6	19	7	2	nw.	
Eagle Butte.	Deweys.	2,415	1	17.6	63	17	-16	1	37	0.19	.....	0.10	1.9	5	14	13	1	nw.	
Eales.	Potter.	2	2	0.15	4.6	7	11	14	3	nw.	
Elk Mountain.	Custer.	4,700	4	17.6	63	17	-16	1	37	0.19	0.18	0.10	1.8	3	17	8	3	nw.
Englewood.	Perkins.	5,273	4	12.2	61	17	-25	1	41	0.88	0.40	8.8	8	7	15	6	6	nw.	
Eureka.	McPherson.	1,884	9	19.2	71	17	-17	1	42	0.90	.....	0.90	9.5	1	20	6	2	nw.	
Fairfax.	Gregory.	9	19.2	61	17	-25	1	41	0.90	.....	0.90	9.5	1	20	6	2	nw.		
Faulkton.	Faulk.	1,595	18	14.8	+ 1.5	67	17	-21	1	43	0.30	-0.19	0.30	3.0	1	20	3	5	nw.	
Flandreau.	Moody.	1,565	20	15.6	+ 1.5	64	17	-20	1	46	0.25	-0.32	0.10	2.5	4	8	11	9	nw.	
Forestburg.	Sanborn.	1,231	21	14.6	-0.2	71	17	-23	1	45	0.37	-0.25	0.22	3.7	3	22	2	4	nw.	
Fort Meade.	Meade.	3,624	30	17.1	-4.6	65 ^a	17	-11	4	44 ^a	0.60	-0.03	0.30	6.5	4	9	5	14	nw.	
Frederick.	Brown.	1,371	4	10.4	62 ^b	17	-28 ^b	1	56 ^b	0.02	.....	0.02	0.2	1	25	2	1	nw.	
Gann Valley.	Buffalo.	14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	A. L. Hanson.
Greenmont.	Lawrence.	6,430	4	21.0	-1.1	72	17	-15	1	48	0.76	+ 0.23	0.60	7.6	4	14	8	6	nw.	
Greenwood.	Charles Mix.	19	18.6	65	15 ^b	14	5	43	0.10	.....	0.05	1.1	1	10	5	11	7	nw.	
Hardingrove.	Stanley.	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Mrs. Laura Sinclair.
Hardy Ranger Station.	Lawrence.	6,600	3	17.2	69 ^a	17	-19 ^a	4	35 ^a	0.27	.....	0.18	3.5	3	19	4	5	nw.	
Harveys Ranch.	.....	1,282	3	17.2	69 ^a	17	-19 ^a	4	35 ^a	0.27	.....	0.18	3.5	3	19	4	5	nw.
Hermosa.	.....	1,282	3	17.2	69 ^a	17	-19 ^a	4	35 ^a	0.27	.....	0.18	3.5	3	19	4	5	nw.
Highmore.	Custer.	3,278	7	17.2	69 ^a	17	-19 ^a	4	35 ^a	0.27	.....	0.18	3.5	3	19	4	5	nw.	
Hightower.	Hyde.	1,890	20	15.8	+ 1.2	69	17	-19	1	41	0.30	+ 0.06	0.16	3.0	3	15	6	7	nw.	
Hopewell.	Stanley.	3	17.8	65	17	-15	1	41	0.15	.....	0.10	1.5	2	14	9	5	w.		
Howard.	Miner.	1,564	21	14.0	-0.6	66 ^a	17	-20	1	45 ^b	0.22	-0.26	0.20	2.5	2	12	14	2	nw.	
Howell.	Hand.	11	14.8	+ 2.2	70	17	-23	1	50	0.13	-0.30	0.05	1.8	3	17	7	4	nw.		
Huron.	Beadle.	1,306	31	14.2	+ 1.3	67	17	-19	1	45	0.23	-0.21	0.14	3.0	4	14	9	5	nw.	
Ipswich.	Edmunds.	1,530	15	15.0	+ 4.0	65	17	-23	1	45	0.16	-0.39	0.16	2.5	1	20	4	4	nw.	
Kadoka.	Stanley.	2,467	4	14.4 ^a	65 ^a	18	-13 ^a	28	44 ^a	0.15	.....	0.15	1.5	1	1	4	4	nw.	
Kennebec.	Lyman.	1,689	20	13.8	-3.6	71 ^a	17	-21 ^a	23	50 ^a	0.52	-0.19	0.20	5.2	4	19	4	5	nw.	
Kimball.	Brule.	1,788	27	17.8	+ 1.5	70	17	-16	1	41	0.26	-0.30	0.26	3.0	2	22	3	3	nw.	
Le Delle.	Spink.	1,400	18	13.7	+ 0.5	67	17	-28	1	45	0.26	-0.19	0.16	4.8	3	18	6	4	nw.	
Lead.	Lawrence.	5,200																		

TABLE 1.—Climatological data for February, 1913. District No. 6—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Sky.	Prevailing wind direction.	Observers.				
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmailed.	Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.				
<i>South Dakota—Contd.</i>																						
Rosebud.	Todd.	2,600	19	16.8	— 5.0	63	17	— 20	1	45	0.90	+ 0.25	0.30	9.0	4	13	12	3	n.w.	W. M. Ege.		
Roslyn.	Day.	7	11.0	— 11.0	58	17	— 23	17	38	0.12	— 0.05	1.2	3	16	7	5	7	2	n.w.	O. O. Floren.		
Seiby.	Walworth.	5	14.5	— 14.5	58 ^a	17	— 19 ^a	1	34 ^a	0.13	— 0.13	1.5	1	19	5	6	6	n.w.	Miss Gertrude Hall.			
Sioux Falls.	Minnehaha.	1,400	22	16.6	+ 0.6	65	17	— 18	1	45	1.39	+ 0.77	0.95	8.5	3	17	5	6	n.w.	J. H. Bechtold.		
Sisseton.	Roberts.	1,202	7	14.0	— 5.2	52 ^a	17	— 15	2 ^a	42 ^a	0.14	+ 0.14	0.6	1	22	0	12	6	n.w.	George Gray.		
Sorum.	Perkins.	2	14.8	— 14.8	61	17	— 19	27	51	T.	— 0.83	0.08	4.0	2	21	6	1	sw.	M. S. Eberhart.			
Spearfish.	Lawrence.	3,647	24	17.6	— 5.3	62	17	— 14	41	37	0.10	— 0.83	0.08	2.8	4	13	9	6	n.w.	A. E. Johnson.		
Stephan.	Hyde.	1,840	9	15.2	— 15.2	68	17	— 20	1	50	0.44	— 0.25	0.25	1.0	1	10	5	5	n.w.	Rev. A. Mattingly.		
Tama.	Meade.	3	16.1	— 16.1	63	17	— 15	1	46	0.05	— 0.05	0.5	1	19	5	4	5	n.w.	Mrs. Monte Franks.			
Timber Lake.	Dewey.	2,183	1	18.1	— 18.1	66	17	— 15	1	37	0.15	— 0.10	1.5	2	19	5	5	n.w.	R. T. Hollihan.			
Tyndall.	Bonhomme.	1,418	16	18.7	— 0.7	72	17	— 18	1	43	0.85	+ 0.41	0.47	9.5	5	18	5	5	n.w.	F. F. Chladek.		
Vale.	Butte.	2,765	5	20.4	— 20.4	70	17	— 13	24 ^a	42	0.03	— 0.03	1.0	1	13	11	4	n.w.	U. S. Reclamation Service.			
Vermillion.	Clay.	1,222	12	20.4	— 0.3	69	17	— 16	1	40	1.02	+ 0.16	0.75	7.0	4	23	2	3	n.w.	Prof. E. C. Parisho.		
Waters Ranch.	Lawrence.	4,000	3	—	—	—	—	—	—	—	0.57	— 0.24	8.3	7	19	3	6	w.	George Waters.			
Watertown.	Codington.	1,735	19	11.0	— 1.8	64	17	— 21	1	51	0.10	— 0.44	0.10	2.0	1	13	9	6	n.w.	Robert Q. Wood.		
Wentworth.	Lake.	20	14.9	+ 0.9	63	17	— 20	1	42	0.28	— 0.21	0.23	2.8	2	16	8	4	n.w.	R. C. Zimmerman.			
Wessington Springs.	Jerauld.	1,410	13	17.2	+ 0.6	71	17	— 21	1	41	0.11	— 0.55	0.06	0.9	4	11	9	8	n.w.	Mrs. N. J. Dunham.		
White Lake.	Aurora.	1,616	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	Mrs. G. A. Rogers.			
Winner.	Tripp.	2,500	1	17.7	—	71	17	— 14	22	33	0.39	— 0.24	6.0	5	18	1	9	n.w.	J. W. Barnum.			
Wood.	Mellette.	—	—	—	—	—	—	—	—	—	—	—	0.17	6.0	5	16	4	8	n.w.	Fred E. Kirch.		
Yankton.	Yankton.	1,234	39	18.0	— 0.2	68	17	— 14	24	45	0.99	+ 0.41	0.85	10.5	6	12	9	7	n.w.	U. S. Weather Bureau.		
<i>Minnesota.</i>																						
Pipestone.	Pipestone.	1,710	12	14.8	+ 1.1	64	17	— 21	1	44	0.09	— 0.33	0.08	1.2	2	19	6	3	n.w.	A. L. Doan.		
<i>Colorado.</i>																						
Arriba.	Lincoln.	5,243	7	20.4	—	62	17	— 10	23	46	1.26	— 0.33	10.0	9	17	9	2	n.	C. A. Creel.			
Auldhurst.	Teller.	8,500	3	—	—	60	17	— 18	23	49	0.92	+ 0.16	0.32	18.0	5	17	4 ^a	s.	Mrs. Alice A. Auld.			
Bennett (near).	Arapahoe.	5,484	5	—	—	59	16	— 14	22 ^a	55	0.77	+ 0.07	0.30	7.7	5	13	9	6	w.	J. F. Egelhoff.		
Boulder.	Boulder.	5,347	17	—	—	—	—	—	—	—	—	—	0.27	9.0	5	19	4	5	se.	Prof. J. A. Hunter.		
Burlington.	Kit Carson.	4,160	10	22.7	—	65	17	— 7	22	38	0.66	+ 0.31	0.31	12.0	4	13	10	5	n.w.	W. P. Davis.		
Cassells.	Park.	8,445	3	—	—	—	—	—	—	—	—	—	0.72	— 0.17	12.3	7	15	9	4	e.	Harriet M. Cassell.	
Castle Rock.	Douglas.	6,220	21	20.8	— 7.3	60	17	— 18	23	49	0.92	+ 0.16	0.32	18.0	5	16	2	10	se.	Thos. P. Vaughan.		
Cheeseman.	Jefferson.	6,890	10	24.2	— 5.3	59	16	— 14	22 ^a	55	0.77	+ 0.07	0.30	7.7	5	13	9	6	w.	J. G. Thornburg.		
Cheyenne Wells.	Cheyenne.	4,279	21	22.5	— 6.7	64	16	— 10	24	40	1.73	+ 1.24	0.50	17.3	7	15	6	7	ne.	J. W. Adams.		
Cope.	Washington.	11,660	6	5.4	—	59	16	— 2	39	T.	— 0.65	T.	0	11	7	10	—	w.	Mrs. Dore M. Christopher.			
Corona.	Grand.	22	16	23.3	— 5.4	59	16	— 12	20 ^a	21	12.21	—	—	—	18	—	—	—	—	Do.	U. S. Weather Bureau.	
Denver.	Denver.	5,272	41	21.8	— 9.3	63	17	— 6	22	36	0.96	+ 0.47	0.30	15.7	13	12	10	6	sw.	N. P. Levin, M. D.		
Edgewater.	Jefferson.	5,450	5	21.8	—	63	16	— 12	22	46	0.60	—	0.35	—	4	17	5	6	—	G. H. Thomson.		
Estes Park Fish Hatch.	Larimer.	8,000	4	—	—	—	—	—	—	—	—	—	0.91	— 0.30	17.0	6	8	4	16	w.	Colo. Agri. College.	
Fort Collins.	Weld.	4,982	34	19.2	— 7.3	62	16	— 17	22	45	0.94	+ 0.33	0.23	16.0	11	12	7 ^a	8 ^a	n.w.	R. W. Benedict.		
Fort Lupton.	Weld.	4,907	3	—	—	—	—	—	—	—	—	—	0.55	— 0.22	15.0	6	—	—	—	Do.	Great Western Sugar Co.	
Fort Morgan.	Morgan.	4,319	15	—	—	—	—	—	—	—	—	—	—	—	—	4	21	3	w.	C. W. Barry.		
Frances.	Boulder.	9,300	8	18.8	—	45	17	— 10	21	38	1.07	— 0.42	20.0	16	4	21	3	w.	Norman W. Fry.			
Frys Ranch.	Larimer.	7,500	3	19.6	—	52	17	— 17	21	43	1.25	— 0.53	12.0	9	12	7	9	w.	H. L. Corbett.			
Georgetown.	Clear Creek.	8,550	11	—	—	—	—	—	—	—	—	—	0.92	+ 0.28	49	16	4	20	7	—	Burton Reynolds.	
Greeley.	Weld.	4,649	22	21.6	— 5.9	65	16	— 14	22	44	0.86	+ 0.38	0.45	13.8	7	16	6	6	e.	D. M. Porter.		
Grover (near).	do.	5,076	9	16.4	—	56	17	— 15	22	42	1.25	— 0.80	11.5	5	8	9	11	w.	Emily Kleinknecht.			
Hartsel.	Park.	8,892	4	—	—	—	—	—	—	—	—	—	0.31	— 0.25	6.8	4	15	6	7	w.	B. E. Chesebro.	
Hawthorne.	Boulder.	6,000	12	—	—	—	—	—	—	—	—	—	—	1.31	— 0.38	24.5	9	7	6	—	A. C. Cauble.	
Holyoke (near).	Phillips.	3,745	17	15.8	— 10.1	68	17	— 30	28	60	0.24	— 0.16	0.12	6.0	2	16	2	10	sw.	J. J. Willis.		
Idaho Springs.	Clear Creek.	7,543	13	23.0	— 6.7	55 ^a	17	— 10 ^a	21	41	0.63	+ 0.19	0.35	11.8	5	3 ^a	23 ^a	1 ^a	w.	Great Western Sugar Co.		
Julesburg.	Sedgwick.	3,465	3	—	—	—	—	—	—	—	—	—	0.67	— 0.33	9.5	4	9	12	7	n.w.	Do.	
Kersey.	Weld.	4,571	5	—	—	—	—	—	—	—	—	—	0.40	— 0.30	8.5	4	17	3	8	se.	P. A. Taft.	
Laporte.	Larimer.	5,055	22	—	—	—	—	—	—	—	—	—	0.94	+ 0.20	37	15.5	6	—	—	Chas. Green.		
Le Roy (near).	Logan.	4,380	24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	Great Western Sugar Co.		
Longmont.	Boulder.	4,950	12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	Enos A. Mills.		
Longs Peak (near).	Larimer.	8,600	18	16.8	— 5.1	45	17	— 13	3	41	1.08	+ 0.17	0.20	16.0	7	14	7	7	n.	Great Western Sugar Co.		
Merino.	Logan.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	Chas. Chapman.		
Moraine.	Larimer.	7,775	23	18.7	— 5.3	49 ^a	17	— 21 ^a	2	50 ^a	1.17	+ 0.09	0.67	15.5	5	6 ^a	21 ^a	w.	Denver Union Water Co.			
Platte Canon.	Jefferson.	5,492	14	—	—	—	—	—	—	—	—	—	1.16	+ 0.58	0.60	17.5	7	16	6	6	n.w.	Miss Guillia Sivers.
St. Cloud.	Larimer.	7,750	10	—	—	—	—	—	—	—	—	—	0.95	+ 0.14	0.33	18.0	6	13	10	5	n.w.	Edwin Lewis, M. D.
Sedgwick.	Sedgwick.	3,539	5	18.2	—	60	17	— 14	8 ^a	50	0.35	— 0.20	5.5	3	14	10	4	n.w.	F. R. Dungan.			
Silver Lake.	Boulder.	10,500	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	Frank W. Murphy.		
Spicer (near).	Jackson.	8,700	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	Great Western Sugar Co.		
Sterling.	Logan.	3,892</td																				

TABLE 1.—Climatological data for February, 1913. District No. 6—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Sky.	Prevailing wind direction.	Observers.		
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmetted.	Number of rainy days, 0.10 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of fully cloudy days.		
Nebraska—Continued.																				
Broken Bow.....	Custer.....	2,477	16	19.4	-5.7	70	16	-25	27	51	0.69	+0.16	0.42	10.5	2	18	1	9	n. nw.	R. V. McCall.
Bruning.....	Thayer.....	1,583	2								0.82		0.54	9.0	6	16	5	7	Henry Middendorf.	
Burge.....	Cherry.....	2,674																	H. A. Davis.	
Burwell.....	Garfield.....	2,180	20																W. L. McMullen.	
Butte.....	Boyd.....	6	18.1			71	17	-15	23	45	0.55	-0.15	0.20	5.5	4				W. Whittle.	
Cairo.....	Hall.....	1,951	4																Elliott Harrison.	
Callaway.....	Custer.....	2,555	20	22.4	-2.3	70	17	-14	5	50	1.04	+0.44	14.0	6	15	5	8	nw.	J. H. Evans.	
Cambridge.....	Furnas.....	2,258	6	23.8		72	17	-16	28	45	1.10		0.40	11.0	6	16	2	10	sw.	Chas. Jensen.
Columbus.....	Platte.....	1,442	20	19.7	-2.9	70	16	-13	24	49	1.42	+0.59	1.12	11.9	3	13	3	12	rw.	A. L. Rush.
Crete.....	Saline.....	1,368	30	22.8	-1.8	70	17	-7	24	42	0.40	-0.15	0.30	4.0	2	16	3	9	ne.	Doane College.
Culbertson.....	Hitchcock.....	2,565	25	25.0		76	17	-8	28	47	0.59		0.20	10.0	7	18	0	10	nw.	Homer L. Nye.
Curly.....	Sioux.....	4	13.2			61	17	-24	28	47	0.40	-0.15	0.30	4.0	2	16	3	9	ne.	A. E. Hann.
Curtis.....	Frontier.....	2,553	15	22.4	-3.6	66	16	-16	28	46	1.13	+0.20	0.30	11.3	7	16	2	10	ne.	Dr. S. R. Razee.
David City.....	Butler.....	1,619	24	22.8	+0.3	70	17	-9	28	37	0.94	0.00	0.80	8.6	3	13	5	7	nw.	S. Clingman.
Du Bois.....	Pawnee.....	1,074	8								1.65		0.65	18.7	4	16	3	9	ne.	O. M. Backus.
Dumas.....	Garfield.....	4	19.4			69	16	-1	46	1.05			0.40	10.5	3	19	4	5	nw.	Emile Raes.
Elm Creek.....	Buffalo.....	2,268	5								0.63		0.34		2				E. L. Sutton.	
Elsie.....	Perkins.....	3,382	5								0.90		0.40	9.0	3				J. F. Brittain.	
Ericson (near).....	Holt.....	2,029																J. A. Bodyfield.		
Ewing.....	Fillmore.....	1,888	21	19.3		73	17	-18	28	51	0.60	0.00	0.50	6.0	3				G. H. Benson.	
Exeter.....		1,607	1								1.05		0.60	10.5	5				Frank Ainsworth.	
Fairbury.....	Jefferson.....	1,316	38	23.6	-2.8	73	17	-11	24	47	1.19	+0.26	0.65	11.5	5	15	5	8	nw.	W. F. Cramp.
Fairmont.....	Fillmore.....	1,641	19	20.4	-2.9	71	17	-11	5	47	1.00	+0.09	0.30	10.0	5	15	4	9	n.	C. B. & Q. R. R. Co.
Falls City.....	Richardson.....	898	18	27.0	+0.6	71	17	-7	24	40	1.38	+0.45	0.50		4	16	4	8	nw.	Dr. J. C. Yutzy.
Fort Robinson.....	Dawes.....	3,764	30	14.8	-8.1	59	17	-12	87	48	1.03	+0.44	0.30		7	11	6	11	n.	Post Surgeon.
Franklin.....	Franklin.....	1,820	23	23.3	-3.2	73	17	-10	28	51	0.89	+0.22	0.35	11.5	4	8	9	11	ne.	A. R. Peck.
Fremont.....	Dodge.....	1,203	32	22.0	+0.1	68	17	-10	24	45	0.85	-0.12	0.80	8.5	2	18	4	6	nw.	Ernest Hahn.
Fullerton.....	Nance.....	1,629	12	20.4		70	17	-15	28	46	1.20	+0.18	0.60	12.0	5	19	4	5	nw.	Dr. F. W. Johnson.
Geneva.....	Fillmore.....	1,633	23	24.0	-1.3	72	16	-6	1	44	1.30	+0.19	0.75	13.0	5	15	6	7	nw.	F. M. Flory.
Genoa.....	Nance.....	1,584	33	21.9	-0.8	70	17	-14	28	46	0.85	+0.05	0.60	6.0	2				F. W. Parsons.	
Gordon.....	Sheridan.....	3,550	11	13.7		54d	15	-21	28	50d	0.60	+0.33	0.30	6.0	2				G. F. Williams.	
Gosper.....		10									0.65	-0.07	0.45	8.0	4	15	6	7	n.	E. H. Stoll.
Gothenburg.....	Dawson.....	2,557	18	23.8	-2.3	76	17	-21	28	49	1.05	+0.21	0.45	10.5	5	12	4	12	nw.	Dr. W. J. Bartholomew.
Grand Island.....	Hall.....	1,800	22	22.9	-2.0	70	17	-7	28	41	0.86	+0.10	0.32	9.0	4	14	2	12	n.	E. A. Barnes.
Grant.....	Perkins.....	3,405	10	22.2		71	17	-13	28	48	0.80	+0.17	0.32	8.0	7	13	4	11	nw.	Anson K. Holmes.
Greeley.....	Cedar.....	2,021	19	19.3		69	17	-10	28	43	1.18	+0.54	0.50	11.8	6	18	3	7	nw.	W. E. Morgan.
Guide Rock.....	Clay.....	1,646	12								0.80	-0.17	0.40	8.0	3	11	6	11	ne.	J. S. Marsh.
Haigler.....	Lincoln.....	3,258	18								1.00	+0.60		10.0					J. L. Pember.	
Halsey.....	McPherson.....	2,695	11	20.4	-5.8	69	17	-13	28	48	0.89	+0.40	0.50	9.5	5	15	8	5	nw.	Bureau of Forestry.
Hartington.....	Hastings.....	1,309	22	20.2	+1.1	72	17	-15	24	48	1.39	+0.37	0.70	14.0	5	13	9	10	n.	D. E. Ewing.
Harvard.....	Adamis.....	1,812	25	22.8	-0.5	70	17	-5	1	41	1.59	+0.68	0.59	19.5	5	11	4	13	ne.	Bert Gregg.
Hastings.....	Haynes.....	1,932	22	20.6	-4.2	70	17	-4	1	46	0.95	-0.10	0.35	8.8	5	18	3	7	nw.	C. B. & Q. R. R. Co.
Hayes Center.....	Sheridan.....	3,821	28	16.5	-5.4	59	17	-15	28	42	0.40	-0.27	0.15	6.0	5	11	11	6	nw.	A. Kadlecik.
Hay Springs.....	Thayer.....	1,458	28	23.2	-3.1	73	17	-10	24	48	1.12	+0.32	0.60	13.0	4				Dr. C. M. Easton.	
Hebron.....	Boxbutte.....	4,256	4								0.32		0.10						A. S. Enyeart.	
Hemingford.....	Furnas.....	2,231	9								0.80		0.30	8.0	3				T. L. Jones.	
Hendley.....	Lincoln.....	2,902	2								0.79		0.35	15.0	7	14	2	12	n.	G. F. Palmer.
Hershey.....	McPherson.....	3,484	4	19.9		67	17	-18	28	52	0.49		0.18	13.4	5	12	5	11	nw.	Mrs. M. R. Lloyd.
Hillside.....	Holdrege.....	2,324	22	22.5	-4.3	70	16	-12	26	44	1.30	+0.38	0.60	13.0	4	12	6	10	nw.	C. B. & Q. R. R. Co.
Hooper.....	Dodge.....	1,228									0.46		0.40	21.0	8				Dt. W. H. Heine.	
Hull (near).....	Banner.....	2									0.19		0.19	14.0	5	17	1	10	s.	Mrs. W. H. Miller.
Imperial.....	Chase.....	3,278	22	22.0	-5.2	67	17	-19	28	53	0.77	+0.05	0.30	15.5	4	6	8	14	nw.	Robt. Malcolm.
Kearney.....	Buffalo.....	2,146	23	22.6	-2.7	70	17	-18	28	49	1.15	+0.33	0.40	11.5	5	16	7	5	n.	City Engineer.
Kimball.....	Kimball.....	4,697	22	18.4	-8.2	63	17	-14	7	44	0.70	0.00	0.20	7.0	4	13	11	4	w.	F. J. Bellows.
Kirkwood.....	Rock.....	18	18.7	-2.9	71	17	-19	1	48	0.75	+0.12	0.70	7.5	2	15	6	7	nw.	Mrs. C. Arter.	
Kowanda.....	Garden.....	5									2.10		0.40	21.0	8				Geo. W. Hulse.	
Lexington.....	Dawson.....	2,385	24	22.1	-3.8	68	16	-21	28	45	1.49	+0.55	0.60	14.0	3	23	0	5	nw.	Robt. Chadwick.
Lincoln.....	Lancaster.....	1,189	33	23.0	-1.8	72	17	-6	24	45	0.90	+0.20	0.55	7.1	6	14	4	10	n.	U. S. Weather Bureau.
Lodgepole.....	Cheyenne.....	3,820	15	19.8	-5.4	68	17	-13	8	47	1.25	+0.00	0.30	13.0	6	15	7	6	nw.	R. T. Kidney.
Loup City.....	Sherman.....	2,067	18	19.6	-4.4	68	17	-22	28	48	0.42	-0.01	0.32	5.0	3	23	3	2	n.	Harriet Hayhurst.
McCook.....	Redwillow.....	2,506									0.54		0.13	8.0	6	19	4	5	nw.	C. G. Cogilizer.
McCool Junction.....	York.....	1,575	16								1.20	+0.52	0.40	12.0	4				Dr. F. L. Slagel.	
Madison.....	Madison.....	1,585	20	18.6	-3.4	67	17	-17	28	42	1.00	+0.16	0.70	10.0	4	19	2	7	nw.	John Ellis.
Marquette.....	Hamilton.....	1,630	33								0.65	-0.10	0.30	6.5	6	14	7	7	nw.	G. C. Stiffit.
Mary.....	Brown.....	2									0.84		0.55	8.5	5	14	7	7	nw.	J. A. Amsberry.
Mason City.....	Custer.....	2,257	14								1.02	+0.45	0.60		4				A. Kennedy.	
Minatare.....	Scotts Bluff.....	3,825	2								0.54		0.13	8.0	6	19	4	5	nw.	Joel Hull.
Minden.....	Kearney.....	2,169	36	22.6	-2.0	71	17	-11	28	42	0.94	-0.11	0.40	13.0	5	15	5	8	n.	U. S. Reclamation Service.
Mitchell.....	Scotts Bluff.....	3,950	4	16.2		60	17	-20	8</											

TABLE 1.—Climatological data for February, 1913. District No. 6—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.				Precipitation, in inches.				Sky.				Prevailing wind direction.	Observers.				
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	Number of rainy days, 0.1 in or more.	Number of cloudy days.	Number of clear days.				
Nebraska—Continued.																					
Sidney.....	Cheyenne.....	4,090	22								0.70	+ 0.06	0.15	7.0	6	22	2	4	nw.	John P. Fischer.	
Springfield.....	Sarpy.....	1,052	2								0.65	- 0.12	0.40	6.5	5	13	4	11	nw.	L. A. Bates.	
Springview.....	Kearny.....	19	19.5	- 2.3	69	17	- 16	1	40	0.80	+ 0.12	0.60	8.0	2	15	8	5	nw.	C. L. Phelps.		
Stanton.....	Stanton.....	1,472	21	19.6	- 1.1	69	16†	- 16	24	46	0.70	- 0.13	0.60	7.0	2	17	5	6	sw.	Alfred Pont.	
Stratton.....	Hitchcock.....	2,804	18								1.10	+ 0.42	0.50	11.0	3					Miss Stella Vennum.	
Superior.....	Nuckolls.....	1,574	26								1.10	+ 0.24	0.40	11.0	5					F. V. Bishop.	
Syracuse.....	Otoe.....	1,059	20	23.4	- 0.8	71	17	- 15	24	48	1.50	+ 0.25	0.40	16.0	6	16	4	8	nw.	W. N. Hunter.	
Table Rock.....	Pawnee.....	1,023	25								1.44	+ 0.08	0.66	14.5	6	17	4	7	n.	E. D. Howe.	
Tecumseh.....	Johnson.....	1,113	32								1.13	+ 0.02	0.40	11.0	5	15	5	8	nw.	L. E. Pratt.	
Tekamah.....	Burt.....	1,060	22	21.7	- 0.7	67	16†	- 10	23†	46	1.05	- 0.01	0.80	10.5	3	15	7	6	nw.	Dr. A. D. Nesbit.	
University Farm.....	Lancaster.....	25	24.1	- 1.0	72	17	- 10	24	49	0.90	- 0.16	0.60	10.1	6	15	3	10		S. W. Perin.		
Valentine.....	Cherry.....	2,613	24	16.2	- 5.0	67	17	- 14	28	42	0.44	- 0.16	0.13	5.1	6	9	13	6	w.	U. S. Weather Bureau.	
Wahoo.....	Saunders.....	1,187	10								1.20	- 0.05	0.80	12.0	3	24	2	2	sw.	W. T. Mauck.	
Wakefield.....	Dixon.....	1,387	19	19.6	- 0.2	68	17	- 18	28	47	0.69	- 0.21	0.40	6.9	5	15	8	5	nw.	I. H. Weaver.	
Walthill.....	Thurston.....	12	20.2			66	17	- 19	28	45	0.68	- 0.15		6.8	2	15	9	4	nw.	G. A. Dudley.	
Watertown.....	Buffalo.....	2,299	7								0.70		0.35	7.0	3	13	10	5	n.	R. E. Swift.	
Wauneta.....	Chase.....	2,935	14								1.40	+ 0.61	0.60	14.0	3					C. D. Fuller.	
Weeping Water.....	Cass.....	1,080	35	23.4		72	17	- 16	24	50	0.67	- 0.37	0.45	8.3	5	17	3	8	nw.	S. W. Orton.	
Westpoint.....	Cuming.....	1,313	27	23.4	+ 1.3	68	16	- 12	28	43	0.75	+ 0.01	0.45	7.5	2	22	2	4	nw.	J. C. Elliott.	
Wilsner.....	do.....	1,380	16								0.56	- 0.14	0.38	6.0	2	25	0	3		F. C. Evans.	
York.....	York.....	1,633	22	22.6	- 2.6	72	17	- 7	5	45	0.90	+ 0.07	0.50	9.0	5	14	6	8	nw.	A. T. Giauque.	
Iowa.																					
Afton.....	Union.....	1,212	19	23.4	+ 1.4	65	18	- 6	1	36	1.10	+ 0.15	0.80	11.0	3	12	9	7	nw.	N. W. Rowell.	
Allerton.....	Wayne.....	11	23.6	+ 1.9	67	18	- 6	1	40	0.98	- 0.36	0.60	9.8	3	15	2	11	n.	Maude Chase.		
Alton.....	Sioux.....	1,305	8	16.9		63	17	- 16	24†	43	0.07		0.04	0.7	3	12	3	3	nw.	W. S. Slagle.	
Atlantic.....	Cass.....	1,164	22	21.5	+ 0.7	66	17	- 10	28	40	0.69	- 0.36	0.63	6.9	5	11	9	nw.	Thos. H. Whitney.		
Audubon.....	Audubon.....	1,301	19	20.8	+ 1.7	60	17†	- 10	28	35	0.69	- 0.10	0.50	6.9	4	10	8	nw.	Geo. E. Kellogg.		
Bedford.....	Taylor.....	13	22.6	+ 1.9	70	18	- 12	24	47	1.00	- 0.04	0.50	10.1	5	16	5	7	nw.	E. E. Healy.		
Centerville.....	Appanoose.....	1,013	3	26.4		67	17	- 6	1	42	1.32		0.78	11.4	7	14	4	10	w.	Gordon Peacock, jr.	
Chariton.....	Lucas.....	1,042	18	22.0	- 0.2	66	18	- 9	1†	44	0.73	- 0.30	0.45	6.0	2	10	11	7	n.	C. C. Burr.	
Clarinda.....	Page.....	1,006	23	20.8	- 1.8	69	18	- 9	24	49	0.87	- 0.13	0.49	0.5	2	12	7	9	sw.	A. S. Van Sandt.	
Corning.....	Adams.....	1,117	21	19.6	- 2.3	61	17†	- 12	24	40	0.90	+ 0.02	0.50	0.9	3	16*	2*	9	nw.	Jerome Smith.	
Corydon.....	Wayne.....	1,101	20	23.4	+ 1.2	68	18	- 7	1	40	1.11	- 0.21	0.67	11.0	7	11	6	11	nw.	May C. Miller.	
Council Bluffs.....	Pottawattamie.....	990	3	22.2		68	17	- 14	24	43	0.96		0.49	9.6	6	14	4	10	sw.	B. W. Crossley.	
Creston.....	Union.....	1,312	8	19.6		67	18	- 9	2	49	0.60		0.30	5.6	6	12	6	10	ne.	O. J. Colby.	
Cumberland.....	Cass.....	14									0.70	- 0.20	0.50	7.0	3	17	3	8	nw.	J. H. Reppert.	
Denison.....	Crawford.....	1,180	19	19.9	+ 0.8	63	17	- 17	24	42	0.55	- 0.31	0.40	5.5	3	16	4	8	n.	W. C. Van Ness.	
Elliott.....	Montgomery.....	8	20.1			60	18	- 9	24†	31	0.60		0.51	5.0	3	12	11	5	sw.	C. H. Westrope.	
Greenfield.....	Adair.....	21	21.2	+ 0.7	65	18	- 9	1	37	0.52	- 0.49	0.40	5.2	5	10	14	4	nw.	R. B. Oldham.		
Harlan.....	Shelby.....	1,182	14	20.4	+ 2.3	63	17	- 14	28	41	0.65	- 0.20	0.57	6.8	2	9	13	6	nw.	C. A. Reynolds.	
Inwood.....	Lyon.....	1,474	9	15.2		64	17	- 22	1	45	0.88		0.50	8.6	4	18	6	4	nw.	F. B. Hanson.	
Lake Park.....	Dickinson.....	1,479	16	16.0		62	17	- 16	1	46	0.30		0.20	3.0	2	22	4	2	nw.	A. E. Woodruff.	
Lamoni.....	Decatur.....	1,120	6	23.1		68	18	- 6	1	38	1.19		0.65	6.0	4	17	0	11	n.	T. J. Fitzpatrick.	
Larrabee.....	Cherokee.....	1,266																		R. C. Carnahan.	
Le Mars.....	Plymouth.....	1,224	17	19.2	+ 2.7	62	17	- 13	1	40	0.72		0.00	0.50	7.0	3	10	14	4	nw.	G. A. C. Clarke.
Lenox.....	Taylor.....	1,250	18	22.6	+ 0.9	67	18	- 7	1	41	0.43	- 0.36	0.29	4.8	4	9	10	9	n.	J. L. Hurley.	
Leon.....	Decatur.....	1,120	11	23.6	+ 1.7	66	18	- 8	1	39	0.70	- 0.44	0.35	10.5	4	13	3	12	nw.	Morris Gardner.	
Little Sioux.....	Harrison.....	928	8	22.6		66	18	- 11	24†	41	0.67	- 0.53	0.40	6.8	5	14	3	6	nw.	Geo. H. Gibson.	
Logan.....	Ringgold.....	1,230	20	23.7	+ 1.2	67	18	- 6	1	39	0.60	- 0.57	0.39	5.9	2	12	9	7	ne.	Glenn H. Stern.	
Mount Ayr.....	Clarke.....	1,216	22	20.0		67	18	- 7	1	41	0.43	- 0.36	0.29	4.8	4	9	10	9	n.	Alex Maxwell.	
Murray.....	Page.....	1,046	1	24.1		69	18	- 5	1†	43	1.08		0.65	11.3	5	19	0	9	nw.	M. T. Ashley.	
Northboro.....	Odebold.....	1,356	16	20.4	+ 2.0	62	17	- 14	28	37	0.57	- 0.30	0.40	6.0	5	17	8	3	nw.	J. M. Darby.	
Onawa.....	Monona.....	1,051	13	23.3	+ 2.3	66	17	- 9	28	40	0.85	- 0.14	0.40	8.5	5	17	5	6	nw.	E. Starmer.	
Pacific Junction.....	Mills.....	960	14	21.8	+ 2.2	66	18	- 13	28	46	0.76	+ 0.16	0.52	7.6	5	10	14	4	nw.	C. G. Perkins.	
Rock Rapids.....	Lyon.....	1,358	14	14.2	- 2.4	60	17	- 19	24	40	0.40	+ 0.04	0.30	4.0	2	20	5	3	n.	H. H. McCarney.	
Sheldon.....	O'Brien.....	1,422	13	18.5	+ 2.8	65	17	- 17	1	44	0.25	- 0.68	0.10	2.7	3	14	8	6	nw.	W. C. Wyckoff.	
Sibley.....	Osceola.....	1,212	20	14.4	- 0.6	63	18	- 17	1	51	0.24	- 0.23	0.10	2.4	4	14	12	2	nw.	Geo. Aupperle.	
Sioux Center.....	Sioux.....	14	17.0	+ 0.6	55	18	- 16	1	39	0.65	- 0.05	0.50	6.5	4	20	3	5	w.	H. G. Doolittle.		
Sioux City.....	Woodbury.....	1,135	24	19.2	- 0.6	64	17	- 12	1	36	0.81	+ 0.26	0.64	8.1	6	17	5	6	nw.	J. de Ruyter.	
Spencer.....	Clay.....	3	17.4			60	17	- 18	24	40	0.65	- 0.44	0.60	7.0	2	12	8	4	nw.	U. S. Weather Bureau.	
Thurman.....	Fremont.....	1,166	16	22.6	+ 1.1	66	18	- 16	24	45	0.89	- 0.44	0.60	6.5	4	12	8	4	nw.	S. Gillespie.	
Washita.....	G Cherokee.....	1,157	15	18.8	- 3.4	66	17	- 21	24†	48	0.65	- 0.11	0.60	6.5	2	20	4	4	s.	C. R. Paul.	
Kansas.																					
Abilene.....	Dickinson.....	1,157	18								0.98	- 0.27	0.32	16.2	6	9	5	14	n.	T. W. Sherman.	
Agricultural College.....	Riley.....	1,100	5																		

TABLE 1.—Climatological data for February, 1913. District No. 6—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Sky.	Prevailing wind direction.	Observers.		
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall unmetted.	Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.		
Kansas—Continued.																				
Holton.	Jackson.	1,043	2	—	—	—	—	—	—	—	1.44	+ 0.12	0.59	12.7	6	13	4	11	nw.	Miss Thamar Richey.
Horton.	Brown.	1,188	24	25.2	— 2.1	71	17	— 6	24	38	0.70	+ 0.05	0.30	7.0	6	14	5	9	n.	Mrs. S. C. Beldin.
Hoxie.	Sheridan.	2,700	14	25.0	— 3.6	72	17	— 8	24	47	0.68	+ 1.10	0.76	9.7	6	12	8	8	n.	I. L. Vinson.
Lawrence.	Douglas.	947	45	26.7	— 3.4	73	17	— 2	24	41	0.52	+ 0.88	0.20	6.2	5	14	2	12	n.	Prof. H. P. Cadby.
Leavenworth.	Leavenworth.	913	69	28.9	— 0.1	70	17	— 1	1	36	0.52	+ 0.12	0.50	8.5	4	13*	2*	12*	n.	Dr. A. F. Yohe.
Lebanon.	Smith.	1,812	15	24.3	— 3.7	70	17	— 3	24	49	0.55	+ 0.37	0.20	6.8	3	17	3	8	ne.	E. V. Bower.
Leoti.	Wichita.	3,300	10	23.5	— 0.1	70	17	— 9	24	49	0.28	+ 0.12	0.20	6.8	3	17	3	8	ne.	J. E. Gorsuch.
Lincoln.	Lincoln.	1,374	1	25.5	—	76	17	— 12	24	51	1.12	+ 0.12	0.45	11.5	6	16	1	11	w.	R. W. Greene.
Lindsborg.	McPherson.	1,333	7	—	—	—	—	—	—	—	1.29	+ 0.12	0.65	15.0	5	10	3	15	n.	A. J. Fredrickson.
McCracken.	Rush.	2,139	1	27.0	—	74	17	— 10	24	49	0.71	+ 0.37	0.31	8.0	6	13	8	7	ne.	E. D. Floyd.
Minneapolis.	Ottawa.	1,259	23	26.0	— 2.0	75	17	— 14	24	47	1.36	+ 0.37	0.52	12.0	6	13	4	11	n.	J. L. Steele.
Moran.	Allen.	1,098	17	28.4	— 1.4	72	17	— 8	24	41	2.62	+ 1.07	0.64	9.5	7	12	4	12	ne.	C. J. Norton.
Natoma.	Osborne.	1,834	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	C. O. Hunt.
Norton.	Norton.	2,284	15	22.4	— 5.0	71	17	— 3	23	42	0.85	+ 0.14	0.25	9.0	5	13	12	3	nw.	Sim Steffel.
Oberlin.	Decatur.	2,539	26	—	—	—	—	—	—	—	0.88	+ 0.01	0.44	9.5	5	16	6	6	w.	I. K. Huber.
Oketo.	Marshall.	1,194	5	24.2	—	74	14	— 14	24	48	0.72	+ 1.18	0.40	9.0	5	5	10	13	nw.	J. A. Church.
Olathe.	Johnson.	1,032	18	27.0	— 2.6	71	17	— 5	24	40	2.72	+ 1.18	0.95	8.5	8	16	0	12	sw.	Dr. S. B. S. Wilson.
Oskaloosa.	Jefferson.	991	—	—	—	—	—	—	—	—	2.20	+ 1.18	0.55	14.5	6	13	3	12	n.	Ralph Snyder.
Ottawa.	Franklin.	926	19	27.5	— 2.2	75	17	— 4	24	47	3.39	+ 1.75	1.56	12.5	8	13	3	12	n.	W. J. Sheldon.
Phillipsburg.	Phillips.	1,939	22	25.4	— 1.6	73	17	— 5	28	47	1.15	+ 0.29	0.25	11.5	5	19	2	7	nw.	N. E. Bailey.
Plainville.	Rooks.	2,156	7	—	—	—	—	—	—	—	0.49	+ 0.37	0.10	5.0	7	18	3	7	nw.	P. D. Spellman.
Pleasanton.	Rooks.	862	11	30.6	— 1.0	78	18	— 6	24	39	2.91	+ 1.29	0.80	10.0	6	15	1	12	nw.	B. F. Blaker.
Quenemo.	Osage.	941	1	—	—	—	—	—	—	—	0.90	+ 0.15	0.60	16.0	5	14	2	12	sw.	R. L. Graham.
Republic.	Republic.	1,495	10	25.4	—	75	17	— 10	24	42	1.60	+ 0.15	0.22	5.5	5	18	2	8	n.	J. W. Ambrose.
Russell.	Russell.	1,834	14	25.6	— 5.1	74	17	— 8	24	50	0.53	+ 0.15	0.65	17.6	6	11	5	12	n.	Robert Brebner.
Russell Springs.	Logan.	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	Murray Wallace.	
St. Francis.	Cheyenne.	3,288	5	24.1	—	68	17	— 8	28	43	0.40	+ 0.14	0.23	5.2	3	12	9	7	ne.	J. E. Uplinger.
Salina.	Saline.	1,227	29	26.2	— 2.3	76	17	— 15	24	53	1.75	+ 0.79	0.70	16.0	7	14	4	10	nw.	Prof. A. W. Jones.
Scott.	Scott.	2,971	7	25.2	—	74	17	— 8	24	51	1.41	+ 0.79	0.72	10.5	4	18	2	8	n.	J. B. Loughran.
Smith Center.	Smith.	1,800	3	24.6	—	75	17	— 7	24	51	0.53	+ 0.79	0.16	11.0	5	12	1	5	n.	W. H. Nelson.
Topeka.	Shawnee.	997	27	26.8	— 3.2	74	17	— 4	24	38	2.75	+ 1.37	1.53	16.4	7	11	6	11	n.	U. S. Weather Bureau.
Tribune.	Greeley.	3,612	14	22.6	—	66	16	— 9	24	43	0.79	+ 0.27	0.30	6.2	4	11	9	8	n.	Chas. E. Cassel.
Valley Falls.	Jefferson.	913	14	25.0	— 3.2	72	17	— 14	24	45	1.64	+ 0.10	0.70	15.5	8	13	4	11	n.	Miss Nettie Maxwell.
Vinland.	Douglas.	880	4	—	—	—	—	—	—	—	2.66	+ 0.12	1.13	9.8	6	13	2	11	n.	A. Schick.
Wakeeney.	Trego.	2,456	30	25.1	— 4.5	72	17	— 4	24	42	0.40	+ 0.43	0.14	6.0	4	19	4	5	n.	A. S. Peacock.
Wallace.	Wallace.	3,303	43	25.2	— 2.9	70	17	— 9	24	49	0.37	+ 0.09	0.16	6.8	4	8	12	8	ne.	J. L. Page.
Wamego.	Pottawatomie.	1,002	20	26.9	—	75	17	— 10	24	47	1.78	+ 0.24	0.65	17.6	6	11	5	12	n.	M. L. Stone.
Missouri.																				
Amoret.	Bates.	850	5	28.1	—	72	17	— 4	24	37	2.99	+ 0.13	0.92	12.0	7	14	3	11	ne.	Darby Fruit Farm.
Appleton City.	St. Clair.	853	24	25.7	— 6.2	72	6	— 6	22	43	2.00	+ 0.13	0.93	15.2	8	7	9	12	n.	Robert Brown.
Arlington.	Phelps.	695	15	—	—	—	—	—	—	—	0.68	+ 2.46	0.17	6.5	7	11	4	13	nw.	G. V. Randolph.
Arthur.	Vernon.	767	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	n.	J. T. Armstrong.
Avalon.	Livingston.	29	25.4	— 1.7	69	18	— 3	1	35	1.75	+ 0.49	1.00	7.5	5	14	2	12	nw.	F. G. Ashbaugh.	
Bethany.	Harrison.	881	24	25.4	— 0.5	67	18	— 2	1	38	1.13	+ 0.25	0.50	11.0	5	15	3	10	nw.	W. H. Skinner.
Bolivar.	Polk.	1,070	26	32.2	— 1.4	74	17	— 4	1	39	3.18	+ 1.84	1.85	9.5	5	13	4	10	nw.	A. C. Fink.
Boonville.	Cooper.	600	37	—	—	—	—	—	—	—	2.36	+ 0.36	0.85	5.0	6	10	3	15	nw.	C. Randecker.
Brunswick.	Chariton.	652	34	26.4	— 2.0	70	18	— 1	2	40	2.22	+ 0.26	0.65	5.0	7	13	0	15	s.	Louis Benecke.
Clinton.	Henry.	800	26	27.0	—	71	17	— 9	1	50	2.25	+ 0.29	1.05	7.0	4	13	3	12	nw.	A. E. Derwent.
Columbia.	Boone.	734	24	28.2	— 1.9	69	18	— 1	6	29	2.37	+ 0.24	0.99	8.9	8	9	8	11	nw.	U. S. Weather Bureau.
Conception.	Nodaway.	982	29	—	—	—	—	—	—	—	0.50	+ 0.50	0.50	—	—	—	—	—	n.	Fr. Adhelm Hess.
Crocker.	Pulaski.	1,300	2	32.8	—	74	17	— 1	47	42	1.62	+ 0.22	0.70	7.5	5	14	3	11	n.	Ira H. Stephens.
Eldon.	Miller.	1	30.6	—	—	—	—	—	—	—	1.88	+ 0.26	0.65	5.0	7	13	0	15	n.	Charles A. Kellogg.
Eldorado Springs.	Cedar.	750	8	31.2	—	73	17	— 4	24	41	3.29	+ 0.24	1.93	10.0	6	14	1	13	nw.	Russell Johnston.
Fayette.	Howard.	725	30	26.8	— 2.3	70	18	— 2	6	34	2.69	+ 0.64	0.90	8.0	6	12	4	12	nw.	J. J. Shaughnessy.
Fulton.	Callaway.	818	22	29.0	— 0.8	70	18	— 5	4	42	2.16	+ 0.02	0.96	8.0	5	14*	13*	13	n.	W. H. Campbell.
Glasgow.	Howard.	618	35	—	—	—	—	—	—	—	2.10	+ 0.20	1.04	5.0	6	13	1	14	n.	A. J. Sharp.
Grant City.	Worth.	1,130	20	24.7	— 1.8	69	18	— 5	1	40	0.55	+ 0.68	0.30	5.5	2	14	6	8	nw.	W. H. Baker.
Harrisonville.	Cass.	912	40	25.8	— 3.7	69	17	— 1	25	44	2.54	+ 0.44	0.75	7.5	7	10	3	15	nw.	C. T. Maushey.
Hazelhurst.	Livingston.	21	—	—	—	—	—	—	—	—	2.02	+ 0.20	1.02	9.0	5	11	2	15	n.	E. Dempsey.
Hermann.	Gasconade.	482	40	—	—	—	—	—	—	—	1.75	+ 0.76	0.60	7.0	9	11	2	15	e.	Miss Emma Swift.
Houston.	Texas.	1,280	21	30.8	— 2.8	73	17	— 5	4	45	1.25	+ 1.23	0.75	11.0	4	11	6	11	s.	U. S. Weather Bureau.
Jefferson City.	Cole.	628	31	25.8	— 5.0	69	18	— 3	24	49	1.77	+ 0.47	0.50	9.0	8	14	0	14	n.	J. F. Sharp.
Kansas City.	Jackson.	963	25	28.2	— 1.7	68	18	— 2	1	30	3.07	+ 1.48	1.17	8.3	7	11	5	12	n.	J. Ed. Hall.
Kidder.	Caldwell.	1,017	24	25.0																

TABLE 2.—*Daily precipitation for February, 1913. District No. 6, Missouri Valley.*

TABLE 2.—*Daily precipitation for February, 1913. District No. 6—Continued.*

Stations.	Watershed.	Day of month.																												Total.		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28			
Montana—Continued.																																
Chessman Reservoir	Missouri	.19	T.	.10	.06																											1.44
Chester	Marias	.06	T.																												0.06	
Chinook	Milk	T.	.01																												0.01	
Cleareeck	do																														0.10	
Clydepark	Yellowstone																														0.25	
Conrad	Marias																														0.13	
Copper	Missouri	.07	T.																												0.16	
Crow Agency	Bighorn	.01	.08	.02																										0.44		
Culbertson	Missouri	.10																													0.19	
Cut Bank	Marias																														0.10	
Denton	Missouri	T.	.02	.07																											0.30	
Dillon	Jefferson	.15	.35	.05	.10	.05																								0.80		
Dry Wolf Camp	Missouri	.14	.09	.01																										0.76		
Dunkirk	Marias																														0.13	
Ekalaka	Little Missouri																														0.02	
Fallon	Yellowstone																														T.	
Findon	Missouri	T.	.01	.08	.02	T.																									0.28	
Flathead Creek	Yellowstone	.02	T.	.03	.15	T.																									0.23	
Forsyth	do	.11	T.																												0.17	
Fort Shaw	Missouri	.01	.03	.05																											0.09	
Foster	Bighorn	*	*	.48	.08	.24																								1.68		
Garneill	Missouri	.05																													0.05	
Glasgow	Yellowstone	T.																													T.	
Glendive	Marias																														0.31	
Goldbutte	do	.06																													0.23	
Graham	Powder	T.	.04	T.																											0.25	
Great Falls	Missouri	.01	.03	.07	.03																									0.36		
Harlowton	Milk	T.	.02																												T.	
Havre	Missouri	.01	.03	.19	.05	T.																								0.41		
Helena	do	.10	.17	.16		.02																								.11		
Highwood	Yellowstone																														0.08	
Huntley	Missouri	.22																													0.22	
Jordan ||	Milk																														0.84	
Knobles Ranch	Missouri	.19																													0.31	
Lewistown ||	Missouri	.11	.03	.14		T.																									0.29	
Lonetree	do																														T.	
Lothair ||	Marias																														0.15	
Lytle	Missouri	.02	.04	.02		T.																									0.04	
Malta	Milk	T.	.04																												T.	
Medicine Lake	Missouri																														0.03	
Mildred	Yellowstone	T.																													0.25	
Miles City	do	.01																													0.45	
Norris	Madison	.05	.01	.20	.05	T.	.05																								0.09	
Olsen Creek	Jefferson	T.	.05	.01																											0.20	
Pinegrov	Missouri	.20																													0.58	
Pipestone Pass	Jefferson	.17	.14	.06																											0.07	
Plevena	Yellowstone	.01	.01																												T.	
Poplar	Missouri																														0.42	
Red Lodge	Yellowstone	.16																													0.06	
Renova	Jefferson																														0.05	
Ryegate	Missouri																														0.10	
Savage	Yellowstone	T.	.10																												0.05	
Shelby	Marias																														T.	
Sidney	Yellowstone	T.	T.	T.	T.																										0.12	
Springbrook	do	.05	.03			T.																								T.	0.20	
Sunlit Farm	Milk	T.																													T.	
Sun River Canyon	Missouri																														0.48	
Three Forks	Madison	.13																													0.35	
Utica	Missouri	.10																													.11	
Valentine	do																														0.02	
Valier	Marias	T.	.02	T.	T.																									0.12		
Wall Rock Mountain	Missouri	.40	.04	.06	.10																									0.78		
Wheaton	do																														0.20	
White Sulphur Springs	do	.08	.04	.06	.03																										0.20	
Wolf Creek	do																														0.45	
<i>North Dakota.</i>																																
Aplin	Knife	T.	.02																													0.21
Arnegard	Missouri																														T.	
Ashley	do																														0.46	
Beach	Little Missouri	.20	.05																												0.01	
Belfield	Heart																														T.	
Berthold Agency	Missouri	T.																													0.03	
Bismarck	do	T.																													T.	
Buford	Heart	.10																													0.10	
Carson	T.	.03	.01																												T.	
Dickinson	James																														0.04	
Edgeley	Missouri																															

TABLE 2.—*Daily precipitation for February, 1913. District No. 6—Continued.*

Stations.	Watershed.	Day of month.																												Total		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28			
North Dakota—Contd.																																
Stelee.....	Missouri.....																	T.	T.	T.	T.								T.	T.		
Turtle Lake.....	do.....																	T.	T.	T.	T.								T.	T.		
Washburn.....	do.....																	T.	T.										T.	T.		
Williston.....	do.....	.02																.01		.03	T.	T.	T.	T.			T.	T.		.08	0.14	
South Dakota.																																
Aberdeen |||	James.....	.02																	T.											T.	0.47	
Academy.....	Missouri.....	T.																	.05											T.	0.43	
Alexandria.....	James.....																													T.	0.40	
Armour.....	Missouri.....																													T.	0.55	
Belle Fourche.....	Cheyenne.....	.03																	T.											T.	0.16	
Blunt.....	Missouri.....																													T.		
Britton.....	James.....																													T.		
Brookings.....	Big Sioux.....																													T.	0.09	
Bryant.....	do.....	T.																												T.	0.55	
Camp Crook.....	Little Missouri.....	.02	T.																											T.	0.08	
Canton.....	Big Sioux.....																													T.	0.31	
Cascade Springs.....	Cheyenne.....	.05																												T.	0.76	
Castilewood.....	Big Sioux.....		T.																											T.	0.06	
Centerville.....	Missouri.....																													T.	0.62	
Chamberlain.....	do.....																													T.		
Clark.....	James.....		T.																											T.	0.50	
Cottonwood.....	Missouri.....	T.																												T.	0.10	
Custer.....	Cheyenne.....																													T.	0.60	
Daviston.....	Owl.....	.02																												T.	0.07	
Deadwood.....	Cheyenne.....	.10																												T.	0.65	
Deerfield.....	do.....	.01	T.																											T.	0.16	
De Smet.....	James.....	T.																												T.	0.18	
Dowling.....	Cheyenne.....	T.																												T.	0.43	
Dumont.....	do.....																													T.	0.72	
Eagle Butte.....	Grand.....		T.																											T.	0.19	
Eales.....	Missouri.....	T.																	T.											T.	0.18	
Elk Mountain.....	Cheyenne.....	.10																												T.	0.56	
Ellington.....	Grand.....																													T.		
Englewood.....	Cheyenne.....	.01																												T.	0.88	
Eureka.....	Missouri.....																													T.	0.03	
Fairfax.....	do.....																													T.	0.90	
Faulkton.....																														T.	0.30	
Flandreau.....	Big Sioux.....																		T.											T.	0.25	
Fort Meade.....	James.....																			T.										T.	0.37	
Frederick.....	Cheyenne.....	T.																												T.	0.60	
Gann Valley.....	James.....																													T.	0.02	
Greenmont.....	Cheyenne.....																													T.	0.79	
Greenwood.....	Missouri.....																													T.	0.76	
Hardingrove.....	Cheyenne.....	.01																												T.	0.10	
Hardy Ranger Station.....	do.....	.16	T.																											T.	0.75	
Harvey's Ranch.....	do.....																													T.	0.84	
Hermosa.....	T.																													T.	0.27	
Highmore.....	Missouri.....																													T.	0.30	
Hopewell.....	Cheyenne.....		T.																											T.	0.15	
Howard.....	Missouri.....																													T.	0.22	
Howell.....	James.....	T.																												T.	0.13	
Huron.....	do.....	T.																												T.	0.23	
Ipswich.....	do.....																													T.	0.16	
Kadoka.....	White.....		T.																											T.	0.15	
Kennebec.....	Missouri.....																													T.	0.52	
Kimball.....	do.....	T.																												T.	0.26	
Le Delle.....	James.....		T.																											T.	0.26	
Lead.....	Cheyenne.....	.06																												T.	0.54	
Lemmon.....	Grand.....																													T.	0.02	
Marion.....	Missouri.....																													T.	0.49	
Marston.....	do.....	T.																												T.	0.36	
Meadow.....	Owl.....																													T.	0.15	
Mellette.....	James.....																													T.	0.28	
Menn.....	do.....																													T.	0.85	
Milbank |||	Minnesota.....																													T.	0.68	
Mitchell |||	James.....																													T.	0.64	
Mobridge.....	Missouri.....																													T.	0.25	
Murdo.....	White.....	T.																												T.	0.30	
Oelrichs.....	Cheyenne.....																													T.	0.50	
Onaka.....	James.....	T.																												T.	0.33	
Orman.....	Missouri.....																													T.	0.16	
Ottumwa.....	Cheyenne.....																													T.	0.14	
Parkston.....	James.....		T.																											T.	0.45	
Pierre.....	Missouri.....																													T.	0.02	
Plankinton.....	James.....	T.																												T.	0.25	
Pollock |||	Missouri.....																															

TABLE 2.—*Daily precipitation for February, 1913. District No. 6—Continued.*

Stations.	Watershed.	Day of month.																												Total.															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28																
<i>South Dakota—Contd.</i>																																													
Winner.....	White.....		.06																		.01	*	.24								.08	.39													
Wood.....	do.....		T.	.10																	.10	.17	.04								.06	.47													
Yankton.....	Missouri.....		T.	.04		T.	T.														.04	.01	.75	.12							.03	.99													
<i>Minnesota.</i>																																													
Pipestone.....	Big Sioux.....		.01																		T.	T.											0.09												
<i>Colorado.</i>																																													
Arriba.....	Republican.....	20			.06	.20		T.			T.	.20	T.								.05	.33	T.	.06	.26					T.	.05	.05	1.26												
Auldhurst.....	South Platte.....	23						T.													.60	.22										.60	1.85												
Bennett (near).....	do.....	14						.04													.27	.02										.02	.49												
Boulder.....	do.....																																												
Burlington.....	Republican.....	10						T.																										.10	.66										
Cassells.....	South Platte.....	13																			*	.17																							
Castle Rock.....	do.....	27	T.																		T.	.32	.08	T.	T.																				
Cheesman.....	do.....	19	T.																		T.	.30	.14																						
Cheyenne Wells.....	Smoky Hill.....	.50	.30	T.	T.	T.	T.																																						
Cope.....	Republican.....																																												
Corona |||.....	South Platte.....																																												
Denver.....	do.....	16						T.	.01	.02											.10	.02																							
Edgewater.....	do.....	12																			T.	.35	.10																						
Estes Park Fish Hatchery.....	do.....	10						T.	.01											T.	.10	.30	T.	T.																					
Fort Collins.....	do.....																				.02	.05																							
Fort Lupton.....	do.....	.02																			T.																								
Fort Morgan.....	do.....																																												
Frances.....	do.....	16			.02	T.	.01	.02													.10	.02																							
Fry Ranch.....	do.....							T.												T.	.08																								
Georgetown 	do.....	06																		T.	.16																								
Greeley.....	do.....																			T.	.32	.08	T.	T.																					
Grover (near).....	do.....																			T.	.14																								
Hartsel.....	do.....																			T.	.25																								
Hawthorne.....	do.....	18																		T.	.35	.15																							
Holyoke (near).....	Republican.....																			T.	.35	.10	T.																						
Idaho Springs.....	South Platte.....	.03						T.												T.	.04	.26																							
Julesburg.....	do.....							T.												T.	.30																								
Kersey.....	do.....																			T.	.06																								
LePorte.....	do.....																			T.	.05																								
Leroy (near).....	Republican.....																			T.	.16																								
Longmont 	South Platte.....																			T.	.30	.30	T.																						
Longs Peak (near).....	do.....	13																		T.	.12																								
Merino.....	do.....																			T.	.13																								
Moraine.....	do.....																			T.	.07																								
Platte Canon.....	do.....	34																		T.	.32																								
St. Cloud.....	do.....	.05																		T.	.05																								
Sedgwick.....	do.....																			T.	.02																								
Silver Lake.....	do.....																			T.	.08																								
Spicer (near).....	North Platte.....																			T.	.05																								
Sterling.....	South Platte.....	.15																		T.	.05																								
Waterdale.....	do.....																			T.	.04	.11	.13	.08																					
Wray.....	Republican.....		.02																	T.	.05		T.	.05																					
Yuma.....	do.....																			T.	.10																								
<i>Nebraska.</i>																																													
Ainsworth.....	Niobrara.....	10																		T.	.40	.50																							1.20
Albion.....	Loup.....					</td																																							

TABLE 2.—*Daily precipitation for February, 1913. District No. 6—Continued.*

Stations.	Watershed.	Day of month.																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	Total		
<i>Nebraska—Contd.</i>																																
Falls City.	Missouri.		.50		T.																							T.	.20	.18	T.	1.38
Fort Robinson ||	White.	.05			.15		.13																									1.03
Franklin.	Republican.																															0.89
Fremont.	Platte.				T.																											0.85
Fullerton.	Loup.				.10	T.																									1.20	
Geneva.	Blue.				.04		.08																								1.30	
Genoa.	Loup.					T.																									0.85	
Gordon.	Niobrara.																														0.60	
Gosper.	Republican.																														0.63	
Gothenburg.	Platte.					T.		.10	T.																					1.05		
Grand Island ||.	do.	.05						.12																						0.86		
Grant.	Republican.	.05			T.		.01																							1.20		
Greeley.	Loup.	.02		.01																										1.18		
Guide Rock.	Republican.																														0.80	
Haigner.																															1.00	
Halsey.	Loup.																														0.89	
Hartington.	Missouri.				.02																										1.39	
Harvard.	Blue.					T.		.07																						1.59		
Hastings ||.	do.							.10																						0.95		
Hayes Center.	Republican.																														0.63	
Hay Springs.	White.	T.		.05																											0.40	
Hebron.	Blue.				T.		T.																								1.12	
Hemingford ||.	Niobrara.			.01		.06																									0.32	
Hendley ||.	Republican.																														0.80	
Hershey ||.	South Platte.																														0.79	
Hillside.	North Platte.	T.																													0.49	
Holdrege ||.	Republican.																														1.33	
Hooper.	Elkhorn.																														0.40	
Hull (near) ||.	North Platte.	.06		.04		.04																									0.46	
Imperial.	Republican.	T.			T.		T.																								0.77	
Kearney.	Platte.				T.		.05																							1.15		
Kimball ||.	South Platte.																														0.70	
Kirkwood.	Niobrara.	T.		T.																											0.75	
Kowanda ||.	North Platte.	.20																													2.10	
Lexington.	Platte.					T.																									1.40	
Lincoln.	do.			.01		.07																									1.00	
Lodgepole.	South Platte.	.15			T.																										0.90	
Loup City.	Loup.			.01																											0.42	
McCook.	Republican.																														1.20	
McCool Junction ||.	Blue.																														1.00	
Madison.	Elkhorn.																														0.65	
Marquette.	Blue.			.05		.05																								0.84		
Mary.	Loup.	T.		.01		T.																									0.02	
Mason City ||.	do.			.02																											0.54	
Minatare.	North Platte.																														0.46	
Minden.	Blue.				T.		.02	T.																						0.94		
Mitchell.	North Platte.	.02		.01		.10																								0.46		
Nebraska City.	Missouri.																														0.51	
Nelson.	Blue.																														0.55	
Norfolk.	Elkhorn.																														0.55	
North Loup.	Loup.																														0.78	
North Platte.	Platte.																														0.94	
Oakdale.	Elkhorn.																														0.80	
Omaha.	Missouri.																														0.57	
O'Neill ||.	Elkhorn.	T.		T.		T.																									0.60	
Ord.	do.																														0.80	
Orleans ||.	Republican.																														0.80	
Osceola.	Blue.																														0.50	
Palisade.	Republican.																														1.10	
Palmyra.	Missouri.																														0.75	
Pawnee City.	do.																														0.40	
Paxton.	South Platte.																														1.40	
Plymouth ||.	Blue.																														0.73	
Purdum.	Loup.	T.		T.		T.																									1.17	
Ravenna.	do.																														0.78	
Red Cloud.	Republican.	T.		T.		T.																									0.85	
St. Libery.	Platte.																														0.44	
St. Paul.	Loup.																														0.42	
Santee.	Missouri.																														0.71	
Schuylerville.	Platte.																														0.77	
Scottsbluff.	North Platte.	.06		.07		.04		.03																					0.20			
Seward.	Blue.																														0.70	
Sidney.	South Platte.	.10																													0.70	
Springfield ||.	Platte.																														0.65	
Springview.	do.																														0.80	
Stratton ||.	Republican.																														1.10	
Superior.	do.																														1.10	
Syracuse.	Missouri.																															

TABLE 2.—*Daily precipitation for February, 1913. District No. 6—Continued.*

Stations.	Watershed.	Day of month.																												Total.		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28			
Iowa—Continued.																																
Bedford.	Missouri.																															
Centerville.	Chariton.	.01	.20	T.	.02																											
Chariton.	do.																															
Clarinda ||.	Nodaway.																															
Corming.	Chariton.																															
Council Bluffs.	Missouri.	T.	.03	T.	.10																											
Creston ||.	do.																															
Cumberland.	Nodaway.																															
Denison.	Missouri.																															
Elliott.	Nishnabotna.																															
Greenfield.	Nodaway.																															
Harlan.	Nishnabotna.																															
Inwood.	Big Sioux.																															
Lake Park.	Little Sioux.																															
Lamoni.	Grand.																															
Larrabee.	Little Sioux.																															
Le Mars.	Floyd.																															
Lenox.	Missouri.		.03	.03	T.																											
Leon.	Grand.	.01	T.	T.	T.																											
Little Sioux.	Little Sioux.																															
Logan.	Missouri.		.03																													
Mount Ayr.	Grand.		T.	T.	T.																											
Murray.	do.		T.	T.	T.																											
Northboro.	Missouri.																															
Odebolt.	Little Sioux.		.04																													
Onawa.	Missouri.		.03																													
Pacific Junction.	do.		T.	.03																												
Rock Rapids.	Big Sioux.																															
Sheldon.	Floyd.																															
Sibley ||.	Big Sioux.		.01																													
Sioux Center.	Floyd.		.05																													
Sioux City.	Missouri.		T.	.06																												
Spencer.	Little Sioux.																															
Thurman.	Missouri.		T.	.04																												
Washta.	Little Sioux.		.05																													
Kansas.																																
Abilene ||.	Smoky Hill.		.08																													
Agricultural College.	Kansas.	T.	.30	T.	T.																											
Alton.	Solomon.	T.																														
Atchison.	Missouri.		.10	.15																												
Beloit ||.	Solomon.	T.																														
Blakeman.	Republican.																															
Blue Rapids ||.	Blue.			.12																												
Centralia.	do.		T.	.10	T.																											
Chapman.	Smoky Hill.		.20																													
Clay Center.	Republican.		.10																													
Colby.	do.																															
Concordia.	do.		.02																													
Densmore.	Solomon.	T.																														
Dresden.	Republican.	T.																														
Ellsworth.	Smoky Hill.	.03																														
Emmett.	Kansas.		.26																													
Enterprise.	Smoky Hill.		.15																													
Eskridge.	Osage.		.40		T.																											
Farnsworth.	Smoky Hill.		.30	.10																												
Fort Scott.	Osage.		.30																													
Frankfort.	Blue.		.10																													
Garnett.	Osage.		.27	.09																												
Goodland.	Republican.																															
Hanover.	Blue.																															
Harrison.	Republican.																															
Hays.	Smoky Hill.	.02																														
Hill City.	Solomon.																															
Horton.	Kansas.																															
Lawrence.	Smoky Hill.		.05																													
Leavenworth.	Missouri.		.41																													
Lebanon.	Solomon.																															
Leoti.	Smoky Hill.		T.	T.																												
Lincoln.	Saline.		.07																													
Lindsborg ||.	Smoky Hill.			.12																												
McCracken.	do.			.10																												
Minneapolis.	Solomon.	T.	.18																													
Moran.	Osage.		.40	.10																												
Natoma.	Saline.																															
Norton.	Republican.	T.																														
Oberlin.	do.	T.																														
Oketo.	Blue.		.02																													
Olathe.	Kansas.		.35																													
Overland.	Osage.			.35																												
Plainville.	Solomon.	T.																														

TABLE 2.—*Daily precipitation for February, 1913. District No. 6—Continued.*

Stations.	Watershed.	Day of month.																											Total.				
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28				
<i>Missouri.</i>																																	
Amoret.	Osage	.35	.05								T.									T.	.35	.92	.50	.80	.02	2.99							
Appleton City	do	.19	.07																		.21	.27	.03	.07		2.00							
Arlington	Gasconade		.17	.15																	.08	.05	.08							.05	0.68		
Arthur	Osage																																
Avalon	Grand	.30																			1.00	.05									1.75		
Bethany	do	.08	T.	T.																													
Bolivar	Osage	.50																															
Boonville ||	Missouri	.34																															
Brunswick ||	Grand	.30																															
Clinton	Osage																																
Columbia	Missouri	.40	.08																														
Conception	do																																
Crocker	Gasconade	.65																															
Eldon	Osage	.18	.15																														
Eldorado Springs	do	.20	.40																														
Fayette	Missouri	.50																															
Fulton	do	.40																															
Glasgow ||	do	.24																															
Grant City	Grand	T.	T.	T.	T.																												
Harrisonville ||	Osage	.34																															
Hazelhurst	Grand	.20	T.																														
Hermann ||	Missouri	.26	.02																														
Houston	Gasconade	T.	.75																														
Jefferson City ||	Missouri	.25	.10																														
Kansas City	do	.33																															
Kidder ||	Grand	.21																															
Lamonte	Missouri	.27	.15																														
Lebanon	Osage	.33																															
Lexington ||	Missouri	.10	.20																														
Liberty	do																																
Lockwood	Osage																																
Marshall	Missouri	.20	.30																														
Maryville ||	do	.10	.05																														
Mount Vernon	Osage	.10	.15																														
Nevada	do	.20	.10																														
Oregon	Missouri	.12																															
Pattensburg ||	Grand																																
Rolla	Gasconade	.10	.31	.01																													
St. Charles	Missouri	.10	.38																														
St. Joseph	do	.20	T.	T.																													
St. Louis (1)	Mississippi	.28	.12																														
St. Louis (2)	do	.15	.40																														
Sublett	Chariton																																
Tarkio	Missouri		.25																														
Trenton	Grand	.18		.06																													
Unionville ||	Chariton	.10		.25																													
Warrensburg	Missouri	.11																															
Warrenton ||	do		.34																														
Warsaw	Osage	.20	.35	T.																													
Wheatland	do	.20	.50	.10																													

• Precipitation included in that of the next measurement.

† Separate dates of falls not recorded.

|| Precipitation for the 24 hours ending on the morning when it is measured.

T. Precipitation is less than 0.01 inch rain or melted snow.

TABLE 3.—Maximum and minimum temperatures at selected stations for February, 1913. District No. 6, Missouri Valley.

Date.	Wyoming.														Montana.													
	Basin.		Cheyenne.		Fort Laramie.		Lander.		Newcastle.		Pathfinder.		Sheridan.		Yellowstone Park.		Billings.		Dillon.		Havre.		Helena.		Lewis-town.		Malta.	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1....	32	5	20	7	21	4	22	-1	12	-2	26	13	25	-7	18	-3	18	-3	36	20	22	-6	24	8	26	-6	13	-15
2....	30	-20	21	-5	30	-11	18	-16	18	-10	17	-11	29	-1	13	-13	24	7	31	14	26	-2	22	8	6	25	-12	
3....	35	-20	29	12	26	-3	19	-3	20	5	28	9	15	-6	17	-8	6	-5	27	4	-2	-19	18	-8	-5	-10	-10	-24
4....	30	-7	30	0	10	0	8-	-7	10	-10	26	-5	-5	-16	0	-14	7	-15	23	-4	-8	-18	-5	-9	-11	-26	-10	-27
5....	28	-14	30	4	17	-3	17	-12	8	-18	33	-2	16	-14	14	-6	12	-15	24	-6	12	-12	5	-5	15	-25	13	-17
6....	17	-36	12	1	14	-3	17	-4	10	-5	32	5	14	-7	10	-13	25	-5	22	-5	15	2	16	-5	10	-17	14	0
7....	10	-23	22	-8	17	-20	9	-15	18	-12	17	-12	15	-18	13	-21	16	-12	20	-18	12	-7	4	-13	22	-18	16	-6
8....	14	-10	31	2	22	-22	13	-15	30	-5	32	-7	17	-19	23	-10	18	-12	20	-20	14	-8	2	-15	31	-15	21	-10
9....	34	14	43	19	42	-10	21	-12	41	5	35	1	29	-11	31	-1	34	8	36	8	35	-1	32	-9	40	-12	25	-13
10....	36	-9	38	9	33	10	30	7	28	0	31	20	31	-2	26	-1	30	11	37	10	18	-2	31	7	12	-1	30	10
11....	14	-19	33	0	37	-5	24	-5	27	-3	28	1	21	-13	25	-6	30	-3	40	16	10	-8	18	-1	32	-10	24	-5
12....	18	-20	38	10	46	-4	36	-6	36	0	30	1	38	-2	28	2	39	3	40	18	38	40	10	37	-5	29	-12	
13....	29	0	39	23	49	0	44	10	42	21	37	16	45	24	32	13	45	20	41	20	42	26	40	27	42	10	39	15
14....	38	14	46	27	54	26	45	13	42	21	44	26	46	25	39	24	54	32	43	24	44	30	44	29	43	20	45	19
15....	39	18	46	25	56	27	52	21	44	20	48	23	52	26	40	24	61	30	43	28	39	52	39	47	30	52	29	
16....	45	20	51	31	63	29	53	27	52	30	49	28	55	29	40	31	64	36	44	31	47	34	50	37	48	37	50	35
17....	48	20	58	28	60	25	57	26	58	28	52	32	45	29	39	21	62	32	38	25	45	30	48	28	47	40	48	30
18....	36	18	44	16	35	32	36	17	42	18	47	18	31	24	12	36	29	36	20	30	18	28	23	27	23	45	25	
19....	46	20	17	8	22	18	20	-7	24	18	18	10	26	5	17	-2	30	23	36	11	30	18	30	20	29	11	34	19
20....	44	18	12	5	19	-1	15	-14	20	10	12	1	13	-10	16	-6	32	15	37	6	32	14	28	15	27	10	33	9
Mns.	32.2	-1.0	29.4	7.7	29.9	1.3	23.8	-3.5	25.6	4.3	28.6	5.4	25.2	-1.1	21.8	-1.2	30.6	7.8	32.9	9.7	23.8	3.6	25.2	8.3	23.9	0.0	25.6	1.6
Date.	Montana.				North Dakota.								South Dakota.												Rapid City.			
	Miles City.		Poplar.		Berthold Agency.		Bismarck.		Dickinson.		James-town.		Williston.		Aberdeen.		Daviston.		Huron.		Kadoka.		Kimball.		Pierre.			
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.		
1....	12	6	11	-13	9	-27	9	-24	11	-19	.....	.....	10	-18	16	-21	7	-4	10	-19	10	-10	12	-16	12	-11	10	-5
2....	28	4	24	5	19	-4	19	-10	21	-1	.....	.....	18	-17	26	-20	27	-9	32	-8	32	-2	35	-6	35	1	30	-5
3....	4	-7	9	-21	11	-26	-5	-20	15	-21	.....	.....	-9	-21	8	-20	23	-3	18	4	23	6	14	0	19	-5	5	
4....	-2	-12	-6	-19	-8	-19	-7	-16	-7	-20	.....	.....	-8	-20	0	-13	-1	-13	5	-10	6	-8	10	-10	7	-5	1	-9
5....	12	-15	11	-13	5	-18	6	-11	3	-14	.....	.....	8	-14	11	-16	10	-12	13	-13	9	-11	11	-8	14	-7	8	-14
6....	16	3	19	5	11	-1	10	1	10	-1	.....	.....	12	5	20	-8	15	-4	20	-2	18	-4	19	-3	21	8	15	-7
7....	20	-2	23	4	22	7	21	9	20	4	.....	.....	22	5	30	-2	20	3	30	3	21	2	26	5	29	10	-3	
8....	24	-7	28	2	23	6	22	2	23	-4	.....	.....	24	0	30	4	29	5	30	9	27	-2	29	4	31	10	28	5
9....	31	-2	27	0	17	-12	23	-2	24	5	.....	.....	20	-10	41	-5	35	3	38	2	38	0	37	9	36	0	39	6
10....	20	15	17	-6	22	5	29	3	26	5	.....	.....	25	0	30	10	31	12	33	9	33	15	33	16	40	7		
11....	21	-4	16	-9	11	-11	5	-7	8	-9	.....	.....	8	-10	15	-16	12	-5	15	-3	22	0	30	-2	18	3	19	2
12....	36	-3	37	-5	30	0	31	2	35	-5	.....	.....	30	2	30	2	38	-5	28	-7	40	-4	33	-5	38	-1	40	1
13....	46	28	42	19	44	22	43	17	44	18	41	15	47	16	40	16	40	17	45	15	49	28	49	34	44	28	49	34
14....	46	29	50	21	44	25	46	22	44	24	.....	.....	42	30	60	16	50	24	54	19	51	24	55	25	58	30	51	31
15....	50	34	50	24	47	15	43	18	48	24	.....	.....	46	26	34	18	53	20	40	17	52	26	52	25	58	30	53	31
16....	58	33	53	32	47	18	45	31	50	28	.....	.....	51	31	47	18	58	27	54	16	60	30	62	36	58	34		
17....	52	36	53	31	52	28	58	29	59	29	.....	.....	53	23	67	13	63	29	67	22	70	32	67	28	63	27		
18....	46	30	47	21	45	21	38	21	47	21	.....	.....	39	19	46	30	52	23	46	25	65	28	55	32	45	30	39	23
19....	27	25	27	19	24	12	21	11	23	13	.....	.....	21	14	24	20	30	7	33	15	32	8	39	20	30	18	23	14
20....	32	19	33	21	18	13	18	12	22	14	.....	.....	21	14	20	6	20	9	23	2	28	12	21	2	24	7		
21....	24	20	24	14	18	3	16	7	16	10	.....	.....	18	9	17	10	18	-5	18	13	14	8	21	10	16	12	13	7
22....	24	8	21	16	19	1	19	6	17	1	.....	.....	20	6	21	9	20	0	17	2	14	8	18	8	16	8	16	8
23....	26	12	27	16	24	-6	20	1	22	-1	.....	.....	25	9	22	-8	28	0	10	-11	22	-2	14	-8	15	-9	17	-5
24....	28	9	25	10	27	8	28	7	26	7	.....	.....	26	10	30	-13	27	5	24	-16	24	-3	22	-6	25	-5	19	-6
25....	21	2	27	-1	25	-1	30	-5	25	0	.....	.....	14	-12	34	-6	29	4	23	-5	25	5	22					

TABLE 3.—Maximum and minimum temperatures at selected stations for February, 1913. District No. 6—Continued.

Date.	South Dakota.					Colorado.					Nebraska.																	
	Sioux Falls. §§		Water-town. §§		Yankton.	Denver.		Wray.		Alma.		Bridge-port.		Grand Island. §§		Hay Springs.		Hebron.		Lincoln.		North Platte.		Oakdale.		Omaha.		
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.		
1.	12	-18	10	-21	12	-13	26	2	28	4	17	0	21	5	11	-4	10	-2	12	-3	10	-5	24	2	11	-10	13	-6
2.	33	-3	20	-20	35	3	23	-2	28	0	28	5	23	-11	26	7	25	-10	24	4	29	6	33	2	34	0	28	9
3.	25	0	8	5	19	8	30	2	37	-2	41	2	30	-4	31	8	5	32	6	28	10	36	3	22	7	25	13	
4.	8	-7	-2	-16	8	-4	21	5	26	7	26	4	32	-1	10	7	18	-9	18	5	16	3	7	2	16	4		
5.	10	-10	6	-14	11	-3	22	1	25	6	26	-2	15	-6	16	-4	12	-4	21	4	15	-2	23	-1	16	0	20	4
6.	16	-6	10	-13	22	4	18	6	25	0	26	0	15	5	28	10	14	-2	28	4	26	5	22	3	23	0	25	8
7.	20	-3	23	2	27	7	17	1	26	0	30	0	13	-17	30	2	18	-6	30	7	31	6	22	-4	27	5	32	9
8.	30	2	23	4	31	10	29	6	37	-4	39	-5	22	-18	35	4	25	-10	36	5	36	11	35	-6	32	6	36	14
9.	30	15	40	3	45	14	51	15	49	14	48	8	40	-6	44	19	41	3	45	18	43	21	45	6	42	7	42	22
10.	44	3	30	4	42	15	43	21	47	17	52	5	39	13	48	18	34	16	48	22	48	25	44	12	43	18	45	24
11.	40	18	20	-4	19	1	33	15	38	14	35	10	33	1	30	10	30	2	30	12	28	12	35	4	24	5	24	11
12.	20	-10	23	-17	27	-5	39	11	41	5	31	3	40	0	30	4	38	-4	28	3	24	1	35	1	26	-6	22	2
13.	42	13	34	-17	43	20	44	26	49	21	50	5	46	16	50	14	44	17	50	14	49	16	47	13	46	16	48	16
14.	55	20	49	17	54	27	53	33	59	20	62	8	54	20	62	24	45	24	61	22	62	25	55	20	59	22	60	28
15.	45	19	33	14	46	25	54	29	57	27	62	21	53	19	59	28	51	22	58	28	54	31	57	23	56	30	48	36
16.	57	30	45	15	62	22	58	36	63	25	70	23	60	25	69	33	58	33	70	28	68	33	65	30	65	25	66	32
17.	65	20	64	18	68	23	63	31	66	26	72	20	65	21	70	29	59	27	73	25	72	27	68	24	67	23	66	37
18.	54	32	41	23	51	31	47	21	52	32	58	21	48	32	55	32	50	28	62	33	63	38	50	28	53	28	63	38
19.	38	20	23	20	33	14	21	15	41	24	40	23	32	18	34	34	32	15	36	30	38	25	34	20	28	16	38	27
20.	25	9	24	5	26	8	25	8	27	16	28	20	20	15	26	12	18	11	30	16	26	16	24	16	22	10	28	19
Mns..	28.6	4.5	23.4	-1.4	29.3	6.6	32.4	11.1	37.0	10.2	36.4	6.9	31.1	3.5	33.5	12.3	28.2	4.8	34.5	12.0	33.4	12.5	33.8	7.4	30.1	5.9	32.6	14.7
Date.	Valentine, Nebr.		Iowa.					Kansas.					Missouri.															
			Clarinda. §§	Sibley. §§	Sioux City.	Colby.	Concordia.	Salina.	Topeka.	Wakeeney.	Columbia.	Kansas City.	St. Louis.	Unionville. §§	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.		
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.		
1.	10	-11	14	-6	10	-17	9	-12	22	5	14	2	17	6	14	2	22	4	14	2	15	1	17	4	10	-7		
2.	30	-5	22	-6	31	-15	34	3	29	8	21	10	21	10	20	12	29	7	26	12	22	12	16	18	-5			
3.	17.	2	30	6	13	-2	20	10	40	4	40	10	35	-4	34	12	40	10	32	12	35	19	31	23	28	6		
4.	2.	-6	20	10	6	-7	10.	-3	32	10	20	10	31	4	26	9	35	8	30	5	25	11	31	14	20	3		
5.	10.	-10	16	3	10	-10	11.	-2	30	3	24	6	25	2	19	6	28	0	15	6	18	8	15	0				
6.	16.	-10	27	1	18	-6	21	3	28	5	30	11	31	2	29	6	33	5	27	1	28	8	28	9	25	3		
7.	21.	-2	30	7	29	1	28	3	30	5	31	10	31	9	29	11	30	7	25	9	25	14	29	14	27	6		
8.	31.	-3	36	7	29	4	30	12	38	0	39	9	43	1	40	12	39	2	34	12	35	13	35	17	34	8		
9.	41.	1	42	10	43	6	40	13	50	18	46	21	44	19	36	23	49	4	35	22	35	24	37	27	37	14		
10.	32.	10	50	20	42	11	43	16	50	18	49	25	55	23	42	33	51	17	40	32	40	34	35	22	36	22		
11.	26.	0	27	10	17	0	19	5	39	13	32	15	43	20	34	20	45	12	36	20	37	21	38	22	22	15		
12.	39.	-3	23	1	19	-15	21	-4	35	-5	29	10	32	9	25	12	33	6	21	12	23	11	13	18	3			
13.	44.	19	46	1	42	-9	43	16	50	20	51	18	53	15	47	14	51	13	38	10	44	14	31	11	28	1		
14.	51.	23	50	10	55	15	56	24	58	21	63	25	65	17	59	25	61	20	52	26	57	30	50	26	50	10		
15.	55.	25	46	16	35	27	47	20	58	26	60	26	61	25	54	33	61	19	51	36	52	37	55	36	44	30		
16.	61.	30	66	20	50	18	61	26	65	30	71	34	74	26	68	37	70	30	61	32	66	36	55	34	55	22		
17.	67.	28	67	20	63	20	64	28	69	26	75	32	76	23	74	36	72	30	63	34	68	45	59	42	59	26		
18.	47.	28	69	20	57	27	54	36	56	29	68	41	68	45	59	28	69	45	68	47	69	49	62	46	34			
19.	28.	6	36	33	27	25	36	36	21	50	26	41	23	58	34	59	31	50	25	63	38	56	34	69	50	47		
20.	18.	2	32	12	27	8	31	14	30	17	26	21	33	23	31	26	35	17	38	33	34	27	57	38	30	24		
21.	13.	10	30	21	20	11	26	18	22	15	27	17	29	23	32	20	24	18	51	34	34	27	57	40	28	22		
22.	16.	0	26	8	21	12	19	6	28	-2	25	9	25	5	25	14	21	1	34	22	28	18	42	26	23	16		
23.	19.	-1	23	2	17	-9	10	-6	28	10	21	0	22	12	22	7	23	10	23	11	22	13	27	20	20	7		
24.	25.	-6	26	-9	23	-15	28	-9	27	-9	23	-7	22	-15	23	-4	26	2	27	6	29	14	26	0	26	0		
25.	24.	16	30	-9	23	-13	26	8	31	1	32	8	33	-3	37	-6	25	13	40	14	38	16	38	22	30	3		
26.	17.	0	25	10	12	5	22	1	26	15	28	14	27	22	35	21	24	16	40	29	40	24	55	34	29	14		
27.	11.	-6	17	47	4	-6	8.	-2	17	5	14	2	23	8	21	9	17											